

ATORN®

55470 100

Torque screwdriver set

Design

14 pieces, in impact-resistant plastic box with foam insert.

Set contents:

- 1 torque screwdriver 0.6–1.5 Nm
- 1 torque screwdriver 1.5–3.0 Nm
- 1 adjusting key
- 1 bit holder blade
- PH 1/2 bits, 1 of each
- PZ 1/2 bits, 1 of each
- Hexagon bits, size 2.5/3.0 mm, 1 of each
- TORX® bits T 10/15/20/25, 1 of each

55470 101-103

Torque screwdriver

Design

Simple and precise torque adjustment. Release clearly felt and heard when the set torque is reached. 2-component handle with ergonomic grip zone. Delivery incl. adjustment wrench, certificate and instructions for use, **no blade**.

Note:

For blades, see art. no. 55470 106-136.

55470 100



55470 101-103



55470 104

Adjustment wrench

55470 105

Fastening seal

55470 127

Bit holder blade

Design

Hexagonal, 1/4 inch, for holding 1/4 inch drive bits, total length 170 mm.

55470 104



55470 127



	Adjustment range Nm	Handle length mm	Handle thickness mm	Set 55470	Screwdriver ...	Accessories 55470	...
Torque screwdriver set	0.6–1.5 and 1.5–3.0	105	32	100			
Torque screwdriver	0.6–1.5	105	32			101	
Torque screwdriver	1.5–3.0	105	32			102	
Torque screwdriver	3.0–5.4	105	32			103	
Adjustment wrench	-	-	-				104
Fastening seal	-	-	-				105
Bit holder blade	-	-	-				127

55470 106-126+128-136

Blades

Design

Hexagonal, 1/4 inch, total length 170 mm.

Quality

Chrome-molybdenum-vanadium alloy.

55470 115 - 126



Blade length x thickness mm	55470	...
3.0 x 0.5	106	
3.5 x 0.6	107	
4.0 x 0.8	108	

Size PH	55470	...
0	109	
1	110	
2	111	

Size PZ	55470	...
0	112	
1	113	
2	114	

Size TX	55470	...
6	115	
7	116	
8	117	
9	118	
10	119	
15	120	
20	133	
25	134	

Size IP	55470	...
6	121	
7	122	
8	123	
9	124	
10	125	
15	126	
20	135	
25	136	

Hexagonal size mm	55470	...
1.5	128	
2.0	129	
2.5	130	
3.0	131	
4.0	132	

Torque screwdriver

55490 - 55491

Torque screwdriver



Design

4 mm hexagonal blade, Black Point tip and multi-component Kraftform handle with anti-roll protection.

- 1.) Fixed **torque, preset** at the factory to the respective screw size. Audible and perceptible release when the torque is reached.
- 2.) **Unlimited release torque** for releasing seized screws.
- 3.) **Protection against manipulation** via a seal ring.
- 4.) **Labelling on the handle** with output symbol of the screw, size and preset torque.

55490

Design

Single torque screwdriver.

Applications

For internal TX® screws.

55491

Design

Single torque screwdriver.

Applications

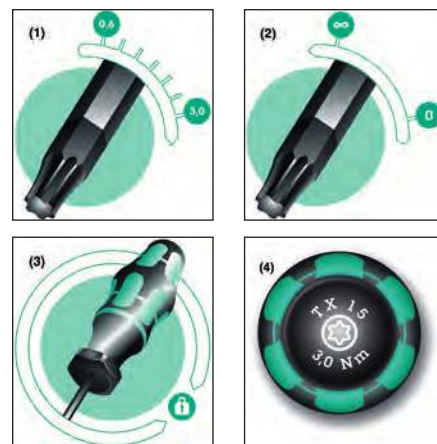
For inner TX PLUS® screws.



55490



55491



Size	Measured value Nm	Blade length mm	Total length mm	TX® (TX)		TX PLUS® (IP)	
				55490	...	55491	...
6	0.6	65	170		101		101
7	0.9	65	170		102		102
8	1.2	65	170		103		103
9	1.4	65	170		104		104
10	2.0	65	170		105		105
15	3.0	65	170		106		106

55492

Torque screwdriver set EN ISO 6789



Design

With Rapidaptor quick-change chuck, Kraftform handle with anti-roll protection, multi-component.

Accuracy +/- 6%.

Applications

For 1/4 inch bits DIN 3126-C 6.3 and E 6.3.

55492 100

Design

Torque screwdriver set.

55492 101-102

Design

Single torque screwdriver.

1/4"



55492 100



55492 101-102



Set contents 55492 100:	
1 torque screwdriver, 0.3–1.2 Nm (art. no. 55492 101)	
1 torque screwdriver, 1.2–3.0 Nm (art. no. 55492 102)	
6 bits, Hex-Plus for hexagon socket screws size 2/2.5/3/4/5/6 x 25 mm	
9 bits for TX® screws TX 6/7/8/9/10/15/20/25/30 x 25 mm	
9 bits for TX PLUS® screws TX 6/7/8/9/10/15/20/25/30 x 25 mm	

Set contents	Design	55492	...
26 pieces	In plastic case with insert		100

Chuck Inch	Adjustment range Nm	Scale interval Nm	Length mm	55492	...
1/4	0.3–1.2	0.05	155		101
1/4	1.2–3.0	0.10	155		102

55494

Torque screwdriver for EN ISO 6789 bits



Design

With Rapidaptor quick-change chuck, Kraftform pistol grip, multi-component.

Accuracy +/- 6%.

Applications

For 1/4 inch bits DIN 3126-C 6.3 and E 6.3.

1/4"



55494

Chuck Inch	Adjustment range Nm	Scale interval Nm	Length mm	55494	...
1/4	3.0–6.0	0.25	150		101

55500

Torque screwdriver for interchangeable blades



easyTorque

Design

- With a torque value set in the factory

- The handy multi-component grip ensures optimum power transmission
- Click signal on reaching the set torque value
- Quick identification via printed marking on the end of the handle

- Unlimited opening torque
- Mechanism resistant to industrial lubricants

-Accuracy +/- 10%**Applications**

For controlled screwing at a predefined torque, in combination with torque® interchangeable blades, art. no. 55510-55520.

55500



Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55500	...
0.5	10	130	34	201	
0.6	10	130	34	202	
0.9	10	130	34	203	
1.1	10	130	34	204	
1.2	10	130	34	205	
1.4	10	130	34	206	
2.0	10	130	34	207	

Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55500	...
2.5	10	130	34	208	
3.0	10	130	34	209	
3.8	10	130	34	210	
4.0	10	130	34	211	
4.5	10	130	34	212	
5.0	10	130	34	213	

55501

Torque screwdriver set EN ISO 6789



TorqueVario®-S set

Design

With variable torque adjustment option. Numerical torque value display in window scale.

Infinitely variable torque adjustment with Torque-Setter adjustment tool (included in scope of delivery). Ergonomic multi-component grip, extremely handy thanks to light and compact design. Click

signal on reaching the set torque value. Tested according to EN ISO 6798, BS EN 26789, ASME B107.14M. **Accuracy +/- 6%**, based on national standards. Delivery incl. factory test certificate.

Applications

Ideal for screwing indexable inserts. For controlled screwing to a specified torque.

55501



Set contents 55501 101:	
1 TorqueVario®-S torque screwdriver, 0.8-5.0 Nm (art. no. 55506 104)	
1 Torque® universal bit holder (art. no. 55520 101)	
1 Torque-Setter	
5 bits for TX® screws T 7/8/9/10/15 x 25 mm	
5 bits for TX PLUS® screws IP 7/8/9/10/15 x 25 mm	

Set contents	Design	55501	...
13 pieces	in metal box	101	

55503

Torque screwdriver for interchangeable blades EN ISO 6789



TorqueVario®-S

Design

With variable torque adjustment option. Numerical torque value display in window scale.

Infinitely variable torque adjustment with Torque-Setter adjustment tool (included in scope of delivery). Ergonomic multi-component grip, extremely handy thanks to light and compact design. Handle size optimally adapted to torque range. Click signal on reaching the set torque value. Tested according to EN ISO 6789, BS EN 26789, ASME B107.14M.

Accuracy +/- 6%, based on national standards (for alternative tolerances, see table). 4 mm hexagonal blade mount.

Supplied in a plastic box.

Applications

For controlled screwing at a predefined torque, in combination with torque® interchangeable blades, art. no. 55510-55520.

Note:

Art. no. 55503 099, accuracy in the range of 0.1-0.46 Nm.

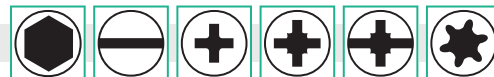
55503



Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55503	...
0.04 - 0.46	10	127	23	099	
0.1 - 0.6	10	127	23	101	
0.1 - 0.6	6	127	23	100	
0.4 - 1.0	6	127	23	102	
0.5 - 2.0	6	131	30	103	
0.8 - 5.0	6	138	36	104	
2.0 - 7.0	6	142	41	105	

52502

VDE battery screwdriver speedE®


wiha
 Tools that work for you

52502 001-003

SpeedE® sets**Design**

- The first electric screwdriver from Wiha
- An electric screwing aid that eliminates tiresome screwing work for professionals, yet still leaves them the sensitive manual tightening of the screw

Advantage

- Work twice as fast with the 3-step process:
 1. Fast, electric inserting of screws
 2. Automatic material protection function at 0.4 Nm
 3. Manual fixing option for full tactile sensation
- slimBits tested at 10,000 volts AC and approved for 1000 volts AC
- 100% compatible with the Wiha slimBit system
- Electronic ratchet tool for quick fixing without repositioning
- 800 screw fittings with one battery charge
- Open system with standard battery
- Recommended by doctors and therapists of the AGR (German Action Group for Healthy Backs)

Applications

Ideal tool for all screwdriving work, e.g. socket assembly, work in the switch cabinet, industrial maintenance and assembly, maintenance and repair of power tools, household appliances and white goods, window and door assembly, heating, air conditioning and sanitary installations and repair of bicycles, motorcycles and lawn mowers. Also ideal for household use for building furniture, carrying out repairs and other screwdriving tasks in the hobby sector.

Set contents

- | | |
|---|---|
| 1 | speedE® electric screwdriver handle |
| 2 | slimBit electric bit slotted 3.5/5.5 mm |
| 2 | slimBit electric bit PH1/PH2 |
| 2 | slimBit electric bit SL/PZ1/SL/PZ2 |
| 1 | L-Boxx Mini for speedE® |
| 1 | spare battery 18500 Li-Ion |
| 1 | charger for battery type 18500 Li-Ion |
| 1 | speedE® operating instructions |

NEW

52502 001

**Set contents**

- | | |
|---|---|
| 1 | speedE® electric screwdriver handle |
| 2 | slimBit electric bit slotted 3.5/5.5 mm |
| 2 | slimBit electric bit PH1/PH2 |
| 2 | slimBit electric bit PZ1/PZ2 |
| 2 | slimBit electric bit SL/PZ1/SL/PZ2 |
| 1 | easyTorque electric torque adapter 2.8 Nm |
| 1 | L-Boxx Mini for speedE® |
| 1 | spare battery 18500 Li-Ion |
| 1 | charger for battery type 18500 Li-Ion |
| 1 | speedE® operating instructions |



52502 002

**Set contents**

- | | |
|---|---|
| 1 | speedE® electric screwdriver handle |
| 2 | slimBit electric bit slotted 3.5/5.5 mm |
| 2 | slimBit electric bit PH1/PH2 |
| 2 | slimBit electric bit PZ1/PZ2 |
| 2 | slimBit electric bit SL/PZ1/SL/PZ2 |
| 4 | slimBit electric bit TX® T10*/15/20/25 |
| 4 | slimBit electric bit hexagonal Sizes 3/4/5/6 mm |
| 1 | easyTorque torque adapter 0.8 Nm |
| 1 | easyTorque torque adapter 2.0 Nm |
| 1 | easyTorque torque adapter 2.5 Nm |
| 1 | easyTorque torque adapter 2.8 Nm |
| 1 | easyTorque torque adapter 4.0 Nm |
| 1 | L-Boxx Mini for speedE® |
| 1 | spare battery 18500 Li-Ion |
| 1 | charger for battery type 18500 Li-Ion |
| 1 | speedE® operating instructions |



52502 003



* No slim version

Bit length mm	Torque adapter tolerance %	Spare battery weight g	Charger weight g	52502	...
75	-	75	285		001
75	10	75	285		002
75	10	75	285		003

Continued

52502

VDE torque adapter for speedE® sets



Continued

52502 101

easyTorque adapter VDE set 5 pieces

Applications

For speedE® electric screwdrivers
art. no. 52502 001–003.

Set contents

1	easyTorque torque adapter 0.8 Nm
1	easyTorque torque adapter 2.0 Nm
1	easyTorque torque adapter 2.5 Nm
1	easyTorque torque adapter 2.8 Nm
1	easyTorque torque adapter 4.0 Nm

NEW

52502 101



Set contents	52502	...
5 pieces		101

52502 201-205

easyTorque adapter VDE individual

Applications

For speedE® electric screwdrivers
art. no. 52502 001–003.

Torque Nm	52502	...
0.8		201
2.0		202
2.5		203
2.8		204
4.0		205

52502 201



52502 202



52502 203



52502 204



52502 205



55472

Torque limiter with friction clutch E 6.3



Design

- Torque value preset at the factory
- Perceptible release and a click noise heard when the set torque value is reached
- Integrated friction clutch prevents inadvertent overtightening of the torque and damage to the screw

Applications

Ideal for cutting tools, printed circuit boards and tyre pressure sensors.

Quality

Alloyed steel, HRC 43°-48°.

NEW

55472 101



55472 102



55472 103



55472 104



55472 105



55472 106



55472 107



55472 108



Total length mm	Chuck	Ø mm	Chuck E 6.3	Measured value Nm	Accuracy +/- %	Suitable for	55472	...
53.4	6.3	12	24.8	0.6	8	TX6/6IP		101
53.4	6.3	12	24.8	0.9	8	TX7/7IP		102
53.4	6.3	12	24.8	1.2	8	TX8/8IP		103
53.4	6.3	12	24.8	1.4	8	TX9/9IP		104
53.4	6.3	12	24.8	2.0	8	TX10/10IP		105
53.4	6.3	12	24.8	3.0	8	TX15/15IP		106
53.4	6.3	12	24.8	4.0	8	TX20/20IP		107
53.4	6.3	12	24.8	5.0	8	TX25/25IP		108



iTorque

Design

- Torque value can be set via digital scale

- Automatically releases when calibration alarm sounds

- Comfortable torque adjustment using turning knob directly integrated into the handle

- Click Control:

Integrated counter records every application

- Calibration alarm after every 5000 applications (standard guideline value/can be reset)

- Large digital display for easy, continuous torque value adjustment

- Units can be switched easily:

Nm to in-lbs/Ncm to oz-in

- Accuracy +/- 6%, based on national standards

- Standards:

EN ISO 6789, BS EN 26789, ASME B107.14M

- Long service life:

Can be recalibrated by Wiha Services

- Ergonomic plastic/metal compound handle made from high-quality, robust materials

- Handle size optimally adapted to torque range

- Clearly audible and perceptible click signal when the set torque value is reached

- Torque bit universal holder interchangeable blade for holding C 6.3 and E 6.3 (1/4 inch) bits (included in the scope of delivery)

Applications

For controlled screwing at a predefined torque, in combination with torque® interchangeable blades, art. no. 55510-55520.



Test equipment monitoring - QA Controlled

Click Control counting function captures every application and optimises the test equipment monitoring



- Large digital display with numeric display prevents reading errors

- Switchable units (Nm to in-lbs/Ncm to oz-in)

- Release accuracy of +/- 6% of the set scale value



Can be adjusted without a separate tool



Calibration alarm after 5000 applications for absolute process reliability in the test equipment monitoring



Wiha Services

Can be recalibrated by Wiha Services

Adjustment range Ncm/Nm	Adjustment range oz-in/in-lbs	Length mm	Handle thickness mm	55504	...
40-150 Ncm	60-210 oz-in	134	34	201	
0.8-3.0 Nm	7-26 in-lbs	134	34	202	
1.0-5.0 Nm	9-50 in-lbs	134	40	203	



TorqueVario®-S ESD

Design

With variable torque adjustment option. Numerical torque value display in window scale.

Infinitely variable torque adjustment with Torque-Setter adjustment tool (included in scope of delivery). Ergonomic multi-component grip made from electrostatically discharging plastic. Handle size optimally adapted to torque range. Click signal on reaching the set torque value. Tested in accordance with DIN EN 61340-5-1.

EN ISO 6789, BS EN 26789, ASME B107.14M.

Accuracy +/- 6%, based on national standards (for alternative tolerances, see table). 4 mm hexagonal blade mount.

Supplied in a plastic box.

Applications

For controlled screwing on electrostatically sensitive components at a predefined torque, in combination with torque® ESD interchangeable blades, art. no. 55522-55525 + 55534.

Note

Art. no. 55521 099, accuracy in the range of 0.1-0.46 Nm.



Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55521	...
0.04 - 0.46	10	127	23	099	
0.1 - 0.6	10	127	23	101	
0.1 - 0.6	6	127	23	100	
0.4 - 1.0	6	127	23	102	
0.5 - 2.0	6	131	30	103	

**Design**

4 mm hexagonal blade, fully hardened, brushed chromium-plated. With Wiha ChromTop® tip.
The blades have a different colour code depending on the drive system.

Blade length 175 mm.

Applications

For TorqueFix®, easyTorque, TorqueVario®-S and iTorque torque screwdrivers, art. no. 55500-55504.

Quality

High-quality chrome-vanadium-molybdenum steel.

Note:

Interchangeable blades for different screw types available on request.

55514 - 55516**Design**

Very thin blade diameter over a length of 37 mm.

Improved access to hard-to-reach screw connections in the indexable insert area or on electronic components.

55515**Design**

With Magic Spring® restraining spring, holds TORX® screws securely.

Art. no.	Use	Colour coding
55510	⊕ PH Philips-head screws	Dark blue
55512	⊕ PZ Pozidrive screws	Light blue
55514	⊛ TX® screws	Dark green
55515	⊛ TX® screws	Dark green
55516	⊛ TX PLUS® screws	Light green
55518	⦿ Hexagon socket screws	Red



Size	Max. Nm	55510	...
PH			
000	0.4		103
00	0.4		102
0	0.9		101
1	3.8		104



Size	Max. Nm	55515	...
T			
6	0.6		101
7	0.9		102
8	1.3		103
9	2.5		104
10	3.7		105
15	5.5		106
20	8.0		107
25	8.0		108



Size	Max. Nm	55512	...
PZ			
0	0.9		101
1	3.8		102



Size	Max. Nm	55516	...
IP			
5	0.5		101
6	0.8		102
7	1.3		103
8	2.0		104
9	3.0		105
10	4.5		106
15	6.6		107
20	8.0		108



Size	Max. Nm	55514	...
T			
5	0.4		101
6	0.6		102
7	0.9		103
8	1.3		104
9	2.5		105
10	3.8		106
15	5.5		107
20	8.0		108
25	8.0		109



Size	Max. Nm	55518	...
mm			
1.5	0.9		101
2.0	1.8		102
2.5	3.8		103
3.0	5.5		104
4.0	8.0		105

55520**Torque® bit holder/Torque® adapter blade****1/4"****Design**

4 mm hexagonal drive.

Applications

For TorqueFix®, easyTorque, TorqueVario®-S and iTorque torque screwdrivers, art. no. 55500-55504.

Quality

Chromium-vanadium-molybdenum steel blade, fully hardened, brushed chromium-plated.

55520 101**Universal bit holder****Design**

1/4 inch hexagonal output, C 6.3 and E 6.3.

Quality

Stainless steel sleeve, blue plastic casing.

55520 102**Adapter blade****Design**

1/4 inch square output, head bright nickel-plated, spring-loaded ball.



	Length mm	55520	...
Universal bit holder	162		101
Adapter blade	155		102

Torque screwdrivers | Interchangeable blades

55526

VDE torque screwdriver for interchangeable bits EN ISO 6789



TorqueVario®-S VDE

Design

- Torque value can be adjusted via window scale
- Automatic release
- Infinitely variable torque adjustment with Torque-Setter adjustment tool (included in scope of delivery)
- Ergonomic multi-component handle
- Handle size optimally adapted to torque range
- Click signal on reaching the set torque value

- Manufactured according to IEC 60900:2012
- EN ISO 6789, BS EN 26789, ASME B107.14M
- Accuracy +/- 6%, based on national standards
- slimTorque VDE bit holder for 6 mm slimBits included in scope of delivery
- Delivered in a plastic box, incl. plant test certificate

Applications

For controlled screwing in the area of live parts up to 1000 V AC.

Only in combination with a slimTorque VDE bit holder for 6 mm slimBits.



Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55526	...
0.5 - 2.0	6	131	30		101
0.8 - 5.0	6	138	36		102
2.0 - 7.0	6	142	41		103

55527

slimTorque VDE bit holder



Design

- High-quality chromium-vanadium-molybdenum steel, fully hardened, bronzed
- Protective insulation sprayed directly onto the blade

- Manufactured to IEC 60900:2012
- Insulated, metal ClicFix bit holder reliably secures all slimBits
- Only for 6 mm slimBits
- Caution: Not to be used for C 6.3 and E 6.3 bits

Use

For 6 mm slimBits (52497 101-126) with VDE torque screwdrivers (art. no. 55526 101-103).



Hexagon head mm	Hexagonal blade mm	Bit holder length mm	Outer diameter mm	55527	...
6	3.8	170	13		101

52497

slimVario VDE interchangeable bits



Design

- High-quality chromium-vanadium steel, fully hardened, bronzed
- Protective insulation sprayed directly onto the bit, which is fully integrated into the blade in the front area (not for end no. 120-121)
- Manufactured according to IEC 60900:2012
- The integrated protective insulation enables low-lying screw and spring elements to be reached and activated
- Slim shape of the bit makes it easy to reach the screws underneath the safety device for the fingers and back of the hand
- Caution: 6 mm slimBits must be used only in the slimVario bit holder (art. no. 52497 201) and slimTorque VDE bit holder (art. no. 55526 101-103)

Note:

Art. no. 52497 101-102 and 52497 120-121 are not slim versions.



52497 101-102



52497 103-105



52497 113-114

	Size SL/PH	Total length mm	52497	...
+	1	75		113
+	2	75		114



52497 115-119

	Cutting width x Thickness mm	Total length mm	52497	...
⊖	2.5 x 0.4	75		101
⊖	3.0 x 0.5	75		102
⊖	4.0 x 0.8	75		103
⊖	5.5 x 1.0	75		104
⊖	6.5 x 1.2	75		105

	Size T	Total length mm	52497	...
⊗	8	75		115
⊗	10	75		116
⊗	15	75		117
⊗	20	75		118
⊗	25	75		119



52497 108-109



52497 120-121

	Size PH	Total length mm	52497	...
+	1	75		108
+	2	75		109



52497 122-126



52497 111-112

	Size SL/PZ	Total length mm	52497	...
+	1	75		111
+	2	75		112

	Size mm	Total length mm	52497	...
⊙	1.5	75		120
⊙	2.0	75		121
⊙	2.5	75		122
⊙	3.0	75		123
⊙	4.0	75		124
⊙	5.0	75		125
⊙	6.0	75		126



55542

Torque screwdriver



TorqueFix®-Key

Design

- Fixed preset torque value

- Automatic release
- Ergonomic key handle
- Extremely handy thanks to compact design
- Click signal on reaching the set torque value
- EN ISO 6789, BS EN 26789, ASME B107.14M

- **Accuracy** +/- 6%, based on national standards
- Opening torque approx. 30% higher than tightening torque
- Supplied in a plastic box, incl. plant test certificate

Applications

Specially for hard-to-reach screws and for confined areas.

For controlled screwing to a specified torque.

55542 101-111



Adjustment range Nm	Tolerance +/- %	Length mm	Handle thickness mm	55542	...
0.5	6	68	50		101
0.6	6	68	50		102
0.9	6	68	50		103
1.1	6	68	50		104
1.2	6	68	50		105
1.4	6	68	50		106
2.0	6	68	50		107
2.5	6	68	50		108
3.0	6	68	50		109
3.8	6	68	50		110
4.0	6	68	50		111



Hand tools

55535

Torque t-handle screwdriver



TorqueVario®-STplus

Design

With numerical torque value gauge in window scale. Infinitely variable torque adjustment with Torque-Setter adjustment tool (included in scope of delivery). Comfortable t-handle with soft zones. Click signal on reaching the set torque value. Manufactured based on EN ISO 6789, BS EN 26789, ASME B107.14M. **Accuracy** +/- 6%, based on national standards. 6 mm hexagonal blade mount. Supplied in a plastic box, incl. plant test certificate

Applications

For controlled screwing at a predefined torque, in combination with torque® interchangeable blades, art. no. 55536-55538.

55535



Adjustment range Nm	Length mm	Width mm	55535	...
5 - 14	56	120		101

55536 - 55537

Torque® interchangeable blades



Design

6 mm hexagonal blade, fully hardened, brushed chromium-plated. With Wiha ChromTop® tip. The blades have a different colour code depending on the drive system.

Blade length 130 mm.

Applications

For t-handle torque tool

TorqueVario®-STplus, art. no. 55535.

Quality

High-quality chrome-vanadium-molybdenum steel.

Note:

Interchangeable blades for other screw types available on request.

55536

Applications

- Hexagon socket screws.

Colour coding red.

55537

Applications

- ✱ TX® screws.

Colour coding dark green.

55536



55537



			Hexagon	
Size mm	Max. Nm	Max. in-lbs.	55536	...
3	5.5	49		101
4	15	132		102
5	15	132		103
6	15	132		104

			TX®	
Size T	Max. Nm	Max. in-lbs.	55537	...
15	5.5	49		101
20	10	88		102
25	15	132		103
27	15	132		104
30	15	132		105

55538

Torque® bit quick-change holder

1/4"



Design

6 mm hexagonal drive.
1/4 inch hexagonal output, C 6.3 and E 6.3.

Applications

For a particularly fast bit change.
For t-handle torque tool
TorqueVario®-STplus, art. no. 55535.

Quality

Chromium-vanadium-molybdenum steel blade,
fully hardened, brushed chromium-plated.



55538

Length

mm

55538

...

125

101

55531 - 55533

Torque screwdriver with ISO 6789 micrometer

1/4"



Design

Mechanical screwdriver with a 1/4 inch hexagon
socket chuck and direction of rotation to the
right.

Automatic release when the tightening torque is
reached; tightening values are not exceeded, even
in the case of incorrect operation. Automatic
re-tightening if there is a preset torque. Easy read-
off via micrometer.

All FACOM torque screwdrivers are supplied with
a test report in accordance with the standard.

Note:

The reversible ratchet handle is ergonomically
shaped to make tightening easier, especially in
series work with a higher tightening torque.

55531 - 55532

Torque screwdriver in a set.

In an impact-resistant plastic box.

55533

Single torque screwdriver.

Note:

For adapter for socket wrench inserts,
see art. no. 52932 101.



55531

55532



55533



Set contents 55531 101-102

1/4-inch torque screwdriver

9 inserts hexagonal size 3.2/4/5/5.5/6/7/8/9/10 mm

2 extensions 100 mm and 150 mm

1 adapter 1/4 inch x 1/4 inch

1 adjustment wrench

1 handle with reversible ratchet

Set contents 55532 101

1/4 inch torque screwdriver 0.5–2.5 Nm

3 inserts 0.6 x 4.5/1.2 x 6.5/1.6 x 8.0 mm

3 inserts PZ 1/2/3

3 inserts hexagonal size 3/4/5 mm

1 connecting piece 1/4 inch x 1/4 inch , magnetic

1 adjustment wrench

1 handle with reversible ratchet

Set contents 55532 102

1/4 inch torque screwdriver 2–10 Nm

3 inserts 0.6 x 4.5/1.2 x 6.5/1.6 x 8.0 mm

3 inserts PZ 1/2/3

3 inserts hexagonal size 4/5/6 mm

1 connecting piece 1/4 inch x 1/4 inch , magnetic

1 adjustment wrench

1 handle with reversible ratchet

Adjustment range Nm	Scale interval Nm	Set		Set		Single screwdriver	
		55531	...	55532	...	55533	...
0.5 - 2.5	0.1		101		101		101
2.0 - 10.0	0.5		102		102		102

55540

Torque screwdriver

1/4"



Design

Adjustable via micro-fine adjustment. Easy-to-read
scale under viewing window. The desired value can
be set easily via the end knob.

1/4 inch drive unit, hexagon socket DIN 3126 D 6.3.
Incl. adapter for 1/4 inch square.

Applications

Single-direction tightening and small series.



55540

Adjustment range

cNm

Length

mm

55540

...

10 - 80

140

101

40 - 200

160

102

50 - 450

170

103

55543

Electronic torque screwdriver

1/4"



Design

- Torque units in nm, kg-cm, cN.m, ft-lb, in-lb, oz-in and angular units in degrees
- **Accuracy of up to +/-2% CW and 3% CCW** between 20% and 100% of the maximum torque
- Optical 360 degree signal
- Acoustic and additional vibration signal
- Illuminated LCD display
- Durable composite tri-lobe hinge housing
- Flat, recessed membrane keyboard with key lock to prevent accidental changes in the target torque when operating the screwdriver

Scope of delivery:

- Plant declaration of conformity (based on international standard)
- AA batteries

55543 101

Design

- 1/4 inch hexagon socket drive with earthing magnetic holder

55543 102

Design

- 1/4 inch square drive



NEW

55543 101



Additional t-handle made of composite materials offers the operator more leverage and control when applying torque and/or angle in the higher torque ranges.

Adjustment range Nm	Hexagon		Square	
	55543	...	55543	...
0.45 - 9.0		101		
0.45 - 9.0				102

55560

Torque screwdriver

1/4"



Design

With 1/4 inch hexagon socket chuck, flat torsion spring as measuring element. Measuring display with trailing pointer, **clockwise and anti-clockwise tightening**. Direct display via pointer on cNm scale, self-locking sliding pointer for initial marking of the

measured value. The accuracy corresponds to the revised **DIN ISO standard 6789**.

Display deviation +/- 4%.

Note:

For adapter for socket wrench inserts, see art. no. 52932 101.

Adjustment range cNm	Adjustment range in-lb	Scale interval cNm	Length mm	Weight kg	55560	...
15 - 75	1.5-6.5	2.5	185	0.225		106
30 - 150	3-13	5	185	0.225		107
60 - 300	6-26	10	185	0.230		108
120 - 600	12-52	20	185	0.230		109



55560

55583

Torque wrench with mushroom head

1/4"

3/8"

1/2"

3/4"



Design

- Classified according to DIN EN ISO 6789:2003 type II class A, with traceable workshop certificate
- Calibrated to admissible deviation of +/- 3% and better. The specification of the standard (+/- 4%) is exceeded for your safety
- **For controlled clockwise and anti-clockwise tightening**
- 1/4, 3/8 and 1/2 inch: Mushroom head reversible square with pushbutton release and ball lock
- 3/4 inch: With push-through square and pin detent
- Robust, painted steel tube construction, with zinc-plated ratchet and high-quality plastic parts
- Ergonomically shaped plastic handle with calibration aid
- Switching between main scale Nm and additional ft-lb scale to avoid reading errors when setting the desired torque

- With micrometer scale for Nm main scale for adjustment of scale intermediate values
- A jump system generates a perceptible and audible release signal
- Ergonomic system for torque adjustment with note symbol
- Quick adjustment possible with an Allen key, not included in scope of delivery
- Secured adjusting-tuning system

Applications

Controlled screw tightening in the most common range from 2-850 Nm/1.5-630 ft-lb (reference value for screws M7-M10.9 to M24-8.8, M30-5.6). Adjustable, releasing and robust pipe torque wrench with integrated square drive ratchet for industry and trade.



Mushroom head reversible square with pushbutton release and ball lock

55583



	Connection square Inch	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Length mm	55583	...
TORCOFIX K	1/4	5-25	1.5-18	1	285.0		101
TORCOFIX K	3/8	10-50	7.5-37	2.5	335.0		102
DREMASTER K	1/2	20-100	15-75	5	423.5		103
DREMASTER K	1/2	40-200	30-150	10	514.5		104
DREMASTER K	1/2	60-300	45-220	10	606.5		105
DREMASTER K	3/4	80-400	60-300	10	715.5		106
DREMASTER K	3/4	110-550	80-405	10	953.5		107
DREMASTER K	3/4	150-750	110-550	10	1228.5		108
DREMASTER K	3/4	250-850	185-630	10	1375.5		109

Torque wrench

55831

VDE torque wrench

3/8"



Design

- Can be re-adjusted and re-calibrated
- VDE torque wrench can be repaired in HAZET Service Centre
- Long service life/accuracy by way of: disassembly, adjustment, repair (if necessary), calibration, reassembly
- Suitable for inspection equipment monitoring
- Sustainable and environmentally friendly
- Fine scale interval with Vernier scale
- Locking mechanism to prevent unintentional adjustment of setting value
- Safe: haptic (quick-release), audible (click element)
- **Clockwise/anti-clockwise release via reversible square drive**, allowing tightening with the set torque both to the right and left within the specified tolerance
- Output: Square, solid, 10 mm (3/8-inch)
- VDE-tested
- Socket wrench inserts from other manufacturers may be used, provided that they comply with IEC 60900:2012 and DIN EN 60900

- Low weight for good handling and effortless work
- Product design features
- Slim and appealing design in strict compliance with the required insulation factors (material thickness/overlaps)
- Smooth transitions on switching and moving parts with ergonomic handle design and clear calibration groove
- Simple operation and low risk of injury due to ergonomic functional switching elements with a pleasant action
- Uniform appearance even when using other components (e.g. red insulated socket wrench inserts)
- Attractive housing and head colour using well-known VDE signal colours red/yellow
- Black handle for colour separation and to minimise visual disturbance
- Avoids overhanging, obstructing parts (e.g. reverse lever)
- DIN EN ISO 6789:2003 (D), square in accordance with DIN 3120, EN/IEC 60900
- Made in Germany

Note:

Repairs may only be carried out by the HAZET Service Centre, as they must be followed by a 10,000 V test in accordance with IEC 60900.



55831 101



55831 102



Connecting square inches	Adjustment range Nm	Scale interval Nm	Tolerance %	Length mm	Weight kg	55831	...
3/8	2-10	0.2	6	275	0.59	101	
3/8	5-25	0.5	4	305	0.64	102	

55620

Torque wrench with reversible ratchet

1/2"



DREMASTER UK

Design

- Classified according to DIN EN ISO 6789:2003 type II class A, with traceable workshop certificate
- Calibrated to admissible deviation of +/- 3% and better. The specification of the standard (+/- 4%) is exceeded for your safety
- **For controlled clockwise tightening**
- With 1/2 inch reversible ratchet
- Robust, painted steel tube construction, with a zinc-plated ratchet and high-quality plastic parts
- Ergonomically shaped plastic handle with calibration aid
- Switching between main scale Nm and additional ft-lb scale to avoid reading errors when setting the desired torque

- With micrometer scale for Nm main scale for adjustment of scale intermediate values
- A jump system generates a perceptible and audible release signal
- Ergonomic system for torque adjustment with note symbol
- Quick adjustment possible with an Allen key, not included in scope of delivery
- Secured adjusting-tuning system
- Patent pending

Applications

Controlled screw tightening in the most common range from 20-850 Nm/15-630 ft-lb (reference value for screws M7-M10.9 to M24-8.8, M30-5.6). Adjustable, releasing and robust pipe torque wrench with integrated square drive ratchet for industry and trade.



55620



Connection square Inch	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Length mm	55620	...
1/2	20-100	15-75	5	438	201	
1/2	40-200	30-150	10	529	202	
1/2	60-300	45-220	10	620	203	

55623

Torque wrench with reversible ratchet

3/8"

1/2"



MANOSKOP® 721 Quick

Design

- Releasing
- Quick adjustment thanks to easy-to-operate release lever in the handle
- Ergonomically shaped, non-slip adjustment element with thumb recess and integrated magnifying glass on the reading window
- Double stop signal
- Dual scale Nm/ft-lb
- No reset to „0“ required as measuring element is only under load during the tightening process

- Further load after release or loads in the opposite direction to the function direction, e.g. in the case of tight screws, do not affect the release mechanism, which is therefore protected against damage
- Protection of all sensitive parts through the robust steel tubular casing
- Calibration with the perfectControl calibration device no. 7794 or calibration system no. 7706. Where applicable, readjustment without disassembly
- **Display deviation +/- 4%**
- With certificate

55623 201-202

Design

With built-in ratchet for right-hand and left-hand rotation.

55623 203

Design

With push-through square for anti-clockwise tightening.

55623 201-202



Connection square Inch	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Scale interval ft-lb	Length mm	Weight kg	55623	...
3/8	6-50	5-36	2	1	352	0.900	201	
1/2	30-150	25-110	5	5	452	1.395	202	
1/2	60-300	50-220	10	10	553	1.720	203	

55640

Torque wrench with reversible ratchet

1/4"

3/8"

1/2"



55640

ATORN®
Design

- Haptic and acoustic adjustment aid
- Ergonomic and easy-to-maintain reversible ratchet with integrated reversing lever
- Easy to use thanks to the ergonomically shaped handle with a comfortable, textured gripping surface
- Clearly audible and perceptible quick release when the set torque value is reached
- Accurate precision scale
- Rapid securing and opening via locking ring
- **Accuracy of +/- 3% of the scale value** (+/- 4% for adjustment range 1–6 Nm).
- Dual scale with Nm and ft-lb display
- Robust tubular design
- Reversible ratchet with locking pushbutton
- Viewing window protects scale against damage

- High-quality permanent identification thanks to laser marking
- Packed for safe transport in a handy cylindrical pack, including suspension attachment
- Including serial number and certificate
- DIN EN ISO 6789:2003 (D) square in accordance with DIN 3120, ISO 1174-1
- Made in Germany



Connection square Inch	Adjustment range Nm	Scale ring Nm	Error limit +/- %	Length mm	Ratchet No. of teeth	55640	...
1/4	1–6	0.1	4	234	20		201
1/4	2.5–25	0.25	3	274	20		202
3/8	10–60	0.5	3	355	30		203
1/2	20–120	1.0	3	456	32		204
1/2	40–200	1.0	3	551	32		205
1/2	60–320	2.0	3	621	32		206

Hand tools

Torque wrench

55642

Torque wrench with reversible ratchet

NEW

1/4"

3/8"

1/2"

3/4"



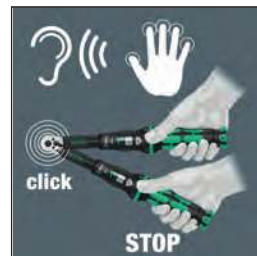
Design

- Torque wrench in the unmistakable Wera design
- Ergonomic 2-component handle for clockwise tightening
- Extremely robust design with high **accuracy of +/- 3% in accordance with DIN EN ISO 6789-1:2017-07 (+/- 4% for adjustment range 2.5–25 Nm)**
- Easy adjustment and locking of the default value
- For clockwise tightening and with a reversible ratchet with 45 teeth
- Easy adjustment and locking of the desired torque value using the locking button on the end of the handle
- Release mechanism: When the set value is reached, the torque wrench release can be heard and felt
- Nm and ft-lb dual scale with finest adjustment ensures precise and safe operation

Scope of delivery:

In robust plastic rotating box and with calibration certificate.

55642 103



Connection square Inch	Adjustment range Nm	Scale interval Nm	Error limit +/- %	Length mm	Ratchet No. of teeth	55642	...
1/4	2.5–25	0.1	4	290	45		101
3/8	10–50	0.25	3	360	45		102
3/8	20–100	0.5	3	405	45		103
1/2	10–50	0.25	3	360	45		104
1/2	20–100	0.5	3	405	45		105
1/2	40–200	1.0	3	510	45		106
1/2	60–300	1.0	3	595	45		107
1/2	80–400	1.0	3	680	45		108
3/4	200–1000	1.0	3	1250	45		109

55643

Torque wrench with switchable bit chuck

1/4"



55643 101

Design

- Torque wrench in the unmistakable Wera design
- Extremely robust design with 1/4 inch hexagonal drive and reversible ratchet
- **High accuracy of +/- 4% in accordance with DIN EN ISO 6789-1:2017-07**
- Easy adjustment and locking of the default value
- The audible and perceptible engagement when scale values are reached also makes it easier to safely adjust the desired torque value
- The robust release mechanism guarantees a clearly audible and perceptible release signal when the set torque is reached
- Nm and ft-lb dual scale with finest adjustment ensures precise and safe operation
- Ergonomic 2-component handle for clockwise tightening

Scope of delivery:

In robust plastic rotating box and with calibration certificate.

55643 102

Design

- Click-Torque A1 set in robust folding bag
- The audible and perceptible engagement when scale values are reached also makes it easier to safely adjust the desired torque value
- The robust release mechanism guarantees a clearly audible and perceptible release signal when the set torque is reached
- For clockwise tightening and with a reversible ratchet with 45 teeth
- **Accuracy 4% in accordance with DIN EN ISO 6789-1:2017-07**

NEW



55643 101



Set contents	
1	Click-torque wrench with reversible ratchet
6	Zyklop socket wrench inserts size 6/7/8/10/12/13 x 23 mm
1	tool shank (connector) 25 mm
1	Zyklop wobble extension 56 mm
4	bits for hexagon socket screws Hex-Plus 3/4/5/6 x 50 mm
1	bit for Phillips-head screws PH 2 x 50 mm
6	bits for inner TORX® screws T 15/20/25/27/30/40 x 50 mm
1	hook and loop strip 240 x 50 mm

55643 102



Connection hexagon Inch	Adjustment range Nm	Scale interval Nm	Error limit +/- %	Length mm	Ratchet Number of teeth	Single 55643	Set 55643
1/4	2.5–25	0.1	4	290	45	101	102

55645

Torque wrench with reversible ratchet

1/2"



Design

DIN EN ISO 6789:2003 (D)

Click-lens type: Large numbers for precise, easy-to-read torque setting.

Safe and accurate setting of the desired release value. Precise and simplified reading of the torque value. Three-digit opto-mechanical torque value display with large digits in the viewing window.

Torque release can be felt via quick-release and heard acoustically via click noise. **+/-4% release**

accuracy of the set digit value. Large, domed viewing window (replaceable) simplifies the readability. Quick and reliable adjustment of the required torque value by turning the handle. Reversible ratchet. Ergonomically shaped handle. Safety lock in the handle.

With serial number and certificate.



55645

Connection square Inch	Adjustment range Nm	Length mm	55645	...
1/2	20-120	435		101
1/2	40-200	545		102
1/2	60-320	660		103

55646

Production signal torque wrench

1/4"

3/8"

1/2"



Design

Accuracy in actuation direction +/-4% of the scale value (end no. 100 +/-6%) in accordance with DIN EN ISO 6789:2003 (D)

- Safe: Haptic (quick-release) and acoustic (angled element)
- Quick and reliable setting of the desired torque value by turning the handle

- User-friendly reversible ratchet, **right-hand/left-hand rotation**
- Service-friendly (ratchet repair kits available)
- Integrated reversing lever with free running function **reduces the risk of injury and malfunctions**
- Exact: Fine scale intervals
- Safe locking of the handle via ring mount - no risk of jamming!
- Ergonomic
- With serial number and certificate

Connection square Inch	Adjustment range Nm	Scale interval Nm	Length mm	55646	...
1/4	1-9	0.1	235		100
1/4	2.5-25	0.25	232		101
3/8	10-60	0.50	320		102
1/2	10-60	0.50	320		106
1/2	20-120	1.00	408		103
1/2	40-200	1.00	513		104
1/2	60-320	2.00	632		105



55646 100-101



55646 102



55646 103-106

51726

Production signal torque wrench

1/4"

3/8"

1/2"

3/4"



Design

DIN EN ISO 6789:2003.

Robust, with micrometer scale, **right-hand/left-hand rotation**. Torque adjustment by turning the handle. The value (Nm) is read from the scale.

Tool connection:

Reversible ratchet with connection square DIN 3120.

Release accuracy in actuation direction +/- 2% of the scale value (end no. 097 +/- 4%).

Supplied in a safe box and with a certificate.

Applications

For assembly operation, mechanical engineering and shipbuilding.

51726 097-100

Design

No signal button, with plastic handle, resistant to oil and petrol.

51726 101-104

Design

With signal button, with plastic handle, resistant to oil and petrol.

51726 105-107

Design

No signal button, with 2-component handle for improved feel. Simplified locking mechanism for adjusting the torque value, viewing window for visual check of the lock and with 3 further colour coding rings to mark personalisations or special work processes.



51726 105-107

Connection square Inch	Adjustment range Nm	Scale interval Nm	Length mm	Weight kg	51726	...
1/4	1-6	0.1	197	0.30		097
1/4	2-10	0.2	198	0.34		099
1/4	4-40	0.4	256	0.40		100
3/8	5-60	0.5	335	0.52		101
1/2	20-120	1.0	435	1.25		102
1/2	40-200	1.0	543	1.40		103
1/2	60-320	2.0	659	1.70		104
3/4	100-400	2.5	803	3.65		105
3/4	200-500	2.5	1040	5.54		107
3/4	300-800	2.5	1280	6.20		106



51726 101-104



51726 097-100

Torque wrench

55647

Torque wrench with reversible ratchet

3/4"

1"



Design

Can be split into 2 parts (55647 103 into 3 parts) with release tool, bag for carrying by hand or as a rucksack. Accuracy in actuation direction +/-3% of the scale value (55647 103 +/-4%). Fast screw tightening possible with only ratchet shaft, perform torque tightening only with full wrench, 2-component handle for improved feel, simplified locking mechanism for adjusting the

torque value, viewing window for visual check of the lock and with 3 further colour coding rings to mark personalisations or special work processes.

Applications

Ideal for industrial climbers. Can be used on wind turbines, in shipyards, in aerospace and heavy industry, in the commercial vehicles sector, etc.



55647 103

Connection square Inch	Adjustment range Nm	Release force N/kg	Total length approx. mm	Weight approx. kg	55647	...
3/4	400-1000	590/60	1788	10	101	
1	600-1600	685/70	2455	14	102	
1	800-2000	685/70	3034	18	103	

55650

Torque wrench with reversible square

3/4"



Design

Releasing torque wrench **with ratchet**, double stop signal, comfortable setting, dual scale Nm/ft-lb and long-term accuracy. The robust steel pipe in aluminium U profile protects all sensitive parts. Reversible square for **right-hand/left-hand**

rotation. Easily adjustable without disassembly. **Display deviation +/- 4%.** With certificate.



55650

Connection square Inch	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Scale interval ft-lb	Length mm	Weight kg	55650	...
3/4	160-800	120-600	20	20	1051	6.77	101	
3/4	200-1000	150-725	25	25	1504	6.97	102	

55651

Torque wrench

1/4"



DREMOMETER MINI

Design

With 1/4-inch square drive with ball lock **DIN 3120 - A 6.3 ISO 1174** for controlled **clockwise tightening**. In accordance with DIN EN ISO 6789, based on national standards. Automatic quick release with perceptible and audible signal. Release accuracy +/- 3% tolerance from the set scale value. Lightweight

plastic housing made of high-quality, high-tech fibreglass-reinforced polyamide with soft component in the grip area. Dual scale for Nm and in-lb. **Micrometer scale with scale interval of 0.05 Nm.** Viewing window with magnifying glass effect. Secure locking of the set torque via locking adjustment knob. Test certificate in accordance with DIN EN ISO 6789 Type II class A enclosed. Supplied in a plastic box.



55651

Adjustment range Nm	Adjustment range in-lb.	Scale interval Nm	Scale interval in-lb.	55651	...
2.5 - 12	18 - 106	0.5	5	101	

51731

Torque wrench

1/4"



DREMOMETER/AM

Design

- Double-lever mechanism
- Acoustic and perceptible release signal
- **For clockwise rotation**
- Lightweight and handy

- Dual scale for Nm and in-lb.
- 1/4 inch square drive with ball lock
- A 6.3 **DIN 3120/ISO 1174**
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate according to DIN EN ISO 6789 enclosed
- Supplied in plastic box



51731

Adjustment range Nm	Adjustment range in-lb.	Scale interval Nm	Scale interval in-lb.	Length mm	Weight kg	51731	...
6-30	50-270	1	10	265	0.6	101	

51733

Torque wrench

3/8"



DREMOMETER/A

Design

- Double-lever mechanism
- Acoustic and perceptible release signal
- **For clockwise rotation**
- Lightweight and handy

- Dual scale for Nm and in-lb.
- 3/8 inch square drive with ball lock
- A 10 **DIN 3120/ISO 1174**
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate according to DIN EN ISO 6789 enclosed



51733

Adjustment range Nm	Adjustment range in-lb.	Scale interval Nm	Scale interval in-lb.	Length mm	Weight kg	51733	...
8-40	70-350	5	50	340	1.0	101	

51735

Torque wrench

1/2"

GEDORE
WERKZEUGE FÜR'S LEBEN**DREMOMETER/B and BC****Design**

- Double-lever mechanism
- Acoustic and perceptible release signal
- **For clockwise rotation**
- Handy wrench with good length and low weight for effortless continuous use
- Maximum precision even with extreme continuous use

- 1/2 inch square drive with ball lock
- A 12.5 **DIN 3120/ISO 1174**
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate according to DIN EN ISO 6789 enclosed



51735

Type	Adjustment range Nm	Adjustment range ft-lb.	Scale interval Nm	Scale interval ft-lb.	Length mm	Weight kg	51735	...
DREMOMETER/B	25-120	18-90	5	5	463	1.5		101
DREMOMETER/BC	40-200	30-150	5	5	553	1.4		102

51737

Torque wrench

1/2"

GEDORE
WERKZEUGE FÜR'S LEBEN**DREMOMETER/C****Design**

- Acoustic and perceptible signal
- **For clockwise rotation**
- Lowest possible wear thanks to extended lever chain and maximum service life

- Low energy expenditure during continuous use
- 1/2 inch square drive with ball lock
- A 12.5 **DIN 3120/ISO 1174**
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate according to DIN EN ISO 6789 enclosed



51737

Adjustment range Nm	Adjustment range ft-lb.	Scale interval Nm	Scale interval ft-lb.	Length mm	Weight kg	51737	...
60-300	45-220	5	5	618	2.0		101

51741

Torque wrench

3/4"

GEDORE
WERKZEUGE FÜR'S LEBEN**51741 100+104+101****DREMOMETER/CD, DS and D****Design**

- Acoustic and perceptible signal
- **For clockwise rotation**
- Handy wrench
- 3/4 inch square drive with pin detent
- B 20 **DIN 3120/ISO 1174**
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate according to DIN EN ISO 6789 enclosed

51741 102+103**DREMOMETER/DR and DX****Design**

- **Additional extension tube** for high tightening values with low effort
- Infinitely adjustable from 1100-1400 mm
- The special handle means it can also be used without the extension tube



51741 100+104+101



51741 102-103



Type	Adjustment range Nm	Adjustment range ft-lb.	Scale interval Nm	Scale interval ft-lb.	Length mm	Weight kg	51741	...
DREMOMETER/CD	80-360	60-260	5	5	718	2.4		100
DREMOMETER/DS	110-550	80-405	10	10	812	2.9		104
DREMOMETER/D	155-760	115-560	10	10	812	3.2		101
DREMOMETER/DR	155-760	115-560	10	10	800/1100-1400	5.0		102
DREMOMETER/DX	520-1000	380-730	10	10	800/1100-1400	5.6		103

51743

Torque wrench

1"

GEDORE
WERKZEUGE FÜR'S LEBEN**DREMOMETER/ E****Design**

- Acoustic and perceptible signal
- **For clockwise rotation**
- 1 inch square drive with pin detent
- B 25 **DIN 3120/ISO 1174**
- With push-on pipe to extend the force arm
- No change in the measuring accuracy
- Release accuracy +/- 3% tolerance of each adjustment value
- Test certificate in accordance with DIN EN ISO 6789 enclosed



51743

Adjustment range Nm	Scale interval Nm	Length mm	Weight kg	51743	...
750-2000	50	1078/1998	11.6		101

51750

Slip-on ratchets

GEDORE
WERKZEUGE FÜR'S LEBEN

Design

Fine pitch and robust.

Applications

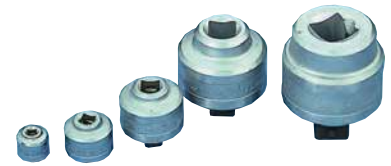
For efficient use of DREMOMETER torque wrenches. **For clockwise rotation.**

Note:

Slip-on ratchets for left-hand rotation available on request.

1/4" 3/8" 1/2" 3/4" 1"

51750



Connection square Inch	Weight approx. g	51750	...
1/4	50	101	
3/8	150	102	
1/2	350	103	

Connection square Inch	Weight approx. g	51750	...
3/4	1000	104	
1	2500	105	

55655 - 55660

Torque wrench with pressure friction clutch

ATORN[®]

55655 101-102

SLIPPER

Design

Adjustable torque wrench with scale. Release accuracy +/- 6% tolerance from the set scale value. When the value is reached, the precision mechanism glides through perceptibly - overtightening is not possible.

Automatic reset to the starting position.

ESD (electrostatic discharge) = safe protection against electrostatics.

55660 101-102

SLIPPER

Design

Fixed adjustable torque wrench with no scale. Release accuracy +/- 6% tolerance from the set value. When the value is reached, the precision mechanism glides through perceptibly - overtightening is not possible.

ESD (electrostatic discharge) = safe protection against electrostatics.

55660 103-105

SLIPPER

Design

Fixed adjustable torque wrench with no scale. Release accuracy +/- 4% tolerance from the set value. When the value is reached, the precision mechanism glides through perceptibly - overtightening is not possible.

1/4" 3/8" 1/2"



55655 101-102



55660 101-102



55660 103-105



Connection square Inch	Adjustment range Nm	Adjustment range in-lb	Weight g	55655	...	55660	...
1/4	1-5	-	235	101			
1/4	2-10	-	235	102			
1/4	1-5	10-45	190			101	
1/4	2-10	20-90	190			102	
1/4	5-25	-	340			103	
3/8	15-55	-	800			104	
1/2	40-125	-	1360			105	

55674

Torque wrench with clock display

KANON

Design

With trailing pointer. **For right-hand/left-hand rotation.** Display accuracy +/- 3% of value displayed.

Note:

Further units available: ft-lb, in-lb, kgf-cm.



55674

Connection square Inch	Adjustment range Nm	Scale interval Nm	Length mm	Weight kg	55674	...
1/4	0.6-6	0.1	260	0.50	101	
1/4	1-12	0.2	260	0.50	102	
3/8	5-30	0.5	323	0.61	103	
3/8	10-70	1.0	323	0.61	104	
1/2	20-140	2.0	463	0.87	105	
1/2	20-200	2.0	463	0.87	106	

55725

Torque multiplier

1/2" 3/4"



Design

With overload protection and planetary gears.
With a spare hexagonal for overload protection.

Display deviation +/- 5%. In a carrying case.

Applications

The multiplier makes work significantly easier when tightening or loosening stiff or large screw connections. Even large torques are transferred easily and with precision over long periods.

Note:

Art. no. 55725 103 with anti-backlash device.



55725 101



55725 102



55725 103

Connection Input	square Inch Output	Max. output Nm	capacity ft-lb	Max. input Nm	capacity. ft-lb	Gear reduction	Torque ratio	W mm	H mm	L mm	weight kg	55725	...
1/2	3/4	800	590	229	169	4:1	1:3.5	66	85	215	2.0	101	
3/4	3/4	1350	996	375	277	4:1	1:3.6	90	106	265	3.4	102	
1/2	1	2000	1475	160	118	16:1	1:12.5	95	161	330	7.0	103	

55727

Torque multiplier

3/4"

GEDORE

HERSCHELE FÜR LEBEN

DREMOPLUS ALU

Design

- Mechanical, hand-operated torque multiplier for controlled tightening and undoing of screws
- With single-stage planetary gears
- Housing made of high-performance aluminium
- Guaranteed accuracy: better than +/- 3% tolerance
- Must be activated in combination with a torque wrench
- Output square with bore hole for power screwdriver inserts with locking pin and ring

Scope of delivery:

- DREMOPLUS ALU torque multiplier
- With permanently integrated reaction arm
- Delivered in a stable transport case with foam insert
- Factory test certificate and setting table
- Detailed technical information is available on request

55727 101

Design

With straight reaction arm, L-shaped, with adjustable reaction square, made from light metal.

55727 102

Design

With offset z-shaped reaction arm made from chromium-vanadium steel.



55727 101



55727 102

Reaction arm	Connection square Input - output inch	Output torque Max. Nm/ft-lb	Input torque Max. Nm/ft-lb	Transmission ratio	Width mm	Height mm	Weight kg	55727	...
Straight L-shape	3/4-1.	2800/2050	550/410	1:6	106	146	3.4	101	
Offset Z-shape	3/4-1.	2800/2050	550/410	1:6	106	146	3.9	102	

Info

VDE battery screwdriver speedE®



- The first electric screwdriver from Wiha
- An electric screwing aid that eliminates tiresome screwing work for professionals, yet still leaves them the sensitive manual tightening of the screw

- See art. no. 52502 001-205, Page 55.4



Torque wrench

55785

Articulated torque wrench with plug-in socket

9x12

ATORN®

KNICKER

Design

- No scale
- Fixed setting via a torque tester
- Kinking of the handle up to 20° and, by removing the limiting ring, up to 90°

- The kinking when the torque value is reached makes overtightening unlikely
- Release accuracy of +/- 4% tolerance from the set value
- **Anti-clockwise tightening by reversing the plug-in tools.**

Applications

To accommodate plug-in tools.



55785

Plug-in socket mm	Adjustment range Nm	Adjustment range in-lb	Weight g	55785	...
9 x 12	0.4-2	3.6-18	110		101
9 x 12	1-10	9-89	130		102

51757

Torque wrench with plug-in socket

9x12

14x18

HAZET®

Design

- DIN EN ISO 6789:2003 (D)
- Robust
- With adjustable value that can be fixed
- Torque can be set and locked only with combination wrench art. no. 51758 in conjunction with torque testers, e.g. art. no. 55961
- Repeat accuracy after 50,000 tightening operations +/- 2%
- No adjustment scale

- No self-adjustment
- **Acoustic and perceptible signal** when the set torque is reached
- **For right-hand rotation only**
- Undo screw connections with no torque function
- With plastic handle
- **Tool connection: Plug connector**

Applications

To accommodate plug-in tools.
For series production.



51757 101-102



51757 103-104



51757 105



51757 106-107

Plug-in socket mm	Adjustment range Nm	Length mm	Weight kg	51757	...
9 x 12	2-12	125	0.185		101
9 x 12	2-25	180	0.240		102
9 x 12	15-35	180	0.243		103
9 x 12	5-50	240	0.295		104
9 x 12	15-85	315	0.363		105
14 x 18	50-200	400	0.710		106
14 x 18	60-320	630	1.050		107

51758

Adjustment wrench for 51757

HAZET®

Applications

For adjusting the torques on torque wrenches, art. no. 51757.



51758

Length mm	51758	...
167		101

55790

Torque wrench with plug-in socket

9x12

14x18

STAHLWILLE®

Series manoscope

Design

- Releasing torque wrench with double stop signal
- Particularly light and practical due to the patented design
- Handle part and shaft made of square steel tube
- Continued load after release or loads opposite to the direction of function do not affect the release mechanism
- **Tool connection: Plug connector**

- **Right-hand/left-hand rotation**
- **Display deviation +/- 4%**
- No adjustment scale, therefore setting only in combination with torque testers art. no. 51795 ff.

Applications

To accommodate plug-in tools.
For work on production lines or in series production.



55790

Plug-in socket mm	Adjustment range Nm	Adjustment range ft-lb	Length mm	Weight kg	55790	...
9 x 12	4-40	4-30	201	0.427		101
9 x 12	20-100	15-74	318	0.634		102
14 x 18	40-200	30-147	457	0.948		103
14 x 18	60-300	40-220	609	1.210		104

ATORN®**Design**

- Haptic and acoustic adjustment aid
- Easy to use thanks to the ergonomically shaped handle with a comfortable, textured gripping surface
- Clearly audible and perceptible quick release when the set torque value is reached
- Locking pushbutton on the plug-in square head
- Accurate precision scale
- Rapid securing and opening via the locking ring
- **Accuracy +/- 3% of the scale value**
- Dual scale with Nm and ft-lb display
- Robust tubular design
- Viewing window protects scale against damage
- High-quality permanent identification thanks to laser marking

- Packed for safe transport in a handy cylindrical pack, including suspension attachment
- Including serial number and certificate
- DIN EN ISO 6789:2003 (D)
- Made in Germany

55780



Plug-in socket mm	Adjustment range Nm	Scale interval Nm	Error limit +/- %	Length mm	55780	...
9 x 12	2.5-25	0.25	3	258		201
9 x 12	10-60	0.5	3	312		202
14 x 18	20-120	1.0	3	393		203
14 x 18	40-200	1.0	3	488		204
14 x 18	60-320	2.0	3	558		205

Torque wrench

55786

Torque wrench with plug-in socket

9x12 14x18



Design

- Torque wrench in the unmistakable Wera design
- Extremely robust design with high **accuracy of +/- 3% in accordance with DIN EN ISO 6789-1:2017-07 (+/- 4% for adjustment range 2.5–25 Nm)**
- Easy adjustment and locking of the default value
- The audible and perceptible engagement when scale values are reached also makes it easier to safely adjust the desired torque value

- The robust release mechanism guarantees a clearly audible and perceptible release signal when the set torque is reached
- Nm and ft-lb dual scale with finest adjustment ensures precise and safe operation
- Ergonomic 2-component handle for clockwise tightening
- With chuck for interchangeable plug-in tools
- For clockwise and anti-clockwise tightening

Scope of delivery:

In robust plastic rotating box and with calibration certificate.



55786 201



Plug-in socket mm	Adjustment range Nm	Scale interval Nm	Error limit +/- %	Length mm	Ratchet Number of teeth	55786	...
9 x 12	2.5–25	0.1	4	283	45		201
9 x 12	10–50	0.25	3	338	45		202
9 x 12	20–100	0.5	3	372	45		203
14 x 18	40–200	1.0	3	480	45		204
14 x 18	60–300	1.0	3	570	45		205
14 x 18	80–400	1.0	3	655	45		206

51760

Production signal torque wrench with plug-in socket

9x12 14x18



Design

- DIN EN ISO 6789:2003 (D)
- Robust
- With micrometer scale
- **Right-hand/left-hand rotation**
- Torque adjustment by turning the handle
- The value (Nm) is read from the scale
- No self-adjustment
- **Optical, acoustic and perceptible signal** when the set torque is reached
- With plastic handle, resistant to oil and petrol
- **Tool connection: Plug connector**
- Release accuracy in direction of actuation +/-2% of the scale value

Applications

To accommodate plug-in tools.
For assembly operation, mechanical engineering and shipbuilding.

51760 206

Design

- 2-component handle for improved feel
- Simplified locking mechanism for adjusting the torque value
- Viewing window for visual check of the locking
- With 3 other colour coding rings to mark personalisations or special work processes.



51760 200-201



51760 202-205



51760 206

Plug-in socket mm	Adjustment range Nm	Length mm	Weight kg	Signal head	Design	51760	...
9 x 12	2–10	180	0.32	-	Safe box		201
9 x 12	4–40	240	0.32	-	Safe box		200
9 x 12	5–60	305	0.45	x	Safe box		202
9 x 12	20–120	388	1.27	x	Safe box		203
14 x 18	40–200	510	1.07	x	Safe box		204
14 x 18	60–320	620	1.27	x	Safe box		205
14 x 18	100–400	715	2.71	-	Safe box		206

55820

Torque wrench with plug-in socket

9x12 14x18



Service MANOSKOP® 730 Quick

Design

- **Chuck for interchangeable plug-in tools**
- Releasing
- **Quick-release safety lock**
- Quick adjustment thanks to easy-to-operate release lever in the handle
- Ergonomically shaped, non-slip adjustment element with thumb recess and integrated magnifying glass on the reading window
- Double stop signal

- Dual scale Nm/ft-lb
- No reset to „0“ required as measuring element is only under load during the tightening process
- **Anti-clockwise tightening by reversing the plug-in tools**
- Further load after release or loads opposite to the function direction, e.g. in the case of tight screws, do not affect the release mechanism, which is thus protected against damage
- **Display deviation +/- 4%**
- With certificate

- Calibration with the perfectControl calibration device no. 7794 or calibration system no. 7706. Where applicable, readjustment without disassembly

Applications

To accommodate plug-in tools.

55820 203-207



Plug-in socket mm	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Scale interval ft-lb	Length mm	Weight kg	55820	...
9 x 12	6–50	5–36	2	1	315	0.805		203
9 x 12	20–100	15–72.5	2.5	2.5	370	0.965		204
14 x 18	25–130	20–95	2.5	2.5	410	1.100		205
14 x 18	40–200	30–145	5	5	455	1.250		206
14 x 18	80–400	60–300	10	10	590	1.880		207

55858

Torque wrench with plug-in socket

9x12

14x18



Service MANOSKOP® 730N

Design

Fast, accurate adjustment thanks to QuickSelect quick adjustment, with QuickRelease safety lock, double stop signal, very easy-to-read dual scale with colour differentiation of Nm/ft-lb and long-term accuracy.



55858

Plug-in socket mm	Measuring range Nm	1 mark Nm	Length mm	Weight kg	55858	...
9 x 12	4-20	0.20	275	0.740		100
9 x 12	10-50	0.25	330	0.825		101
9 x 12	20-100	0.50	386	0.980		102
14 x 18	25-130	0.50	421	1.120		103
14 x 18	40-200	1.00	467	1.260		104
14 x 18	80-400	2.00	607	1.660		105
14 x 18	130-650	2.50	890	3.300		106

No reset to „0“ required as measuring element is only under load during the tightening process. Robust housing, 2-component handle with soft zone, resistant to oils, greases, fuels, brake fluids and Skydrol. If used incorrectly, the measuring mechanism does not work (e.g. uncontrolled loosening of seized screws). **Reversible plug-in tools allow anti-clockwise tightening.** Easily adjustable without disassembly. **Display deviation +/- 3%.** With certificate.

Applications

To accommodate plug-in tools.



With the mechanical torque wrench no. 730N

Fast, precise and safe work through innovative technology. The further development of the successful torque wrench 730 to the 730N model is the logical continuation of a successful product that offers the user even more benefits.

The adjustment mechanism of the 730N is based on a completely new concept. The core of this technology is the new **QuickSelect quick adjustment**. The adjusting knob at the end of the handle allows fast and precise setting of the desired tightening value. The desired tightening torque is set by turning the extended adjusting knob. During this process, the easy-to-read dual scale with colour

differentiation between Nm and ft-lb or in-lb is always in view. Directly next to the adjusting knob is the scale ring, which is used for fine adjustment for the corresponding measuring range. When the desired value is set, simply press the adjusting knob to return it to its locking position to secure the setting against unintentional turning.

At a glance:

- Very fast, precise one-handed adjustment
- Adjustment lock
- Very easy-to-read two-colour dual scale in Nm and ft-lb
- Double stop signal
- For clockwise and anti-clockwise tightening
- Square socket with QuickRelease safety lock

- Measuring element is under load only during the tightening operation
- Easy to readjust without disassembly
- Robust housing with resistant, durable mechanics, housed inside for protection against dirt
- 2-component handle, resistant to a wide range of aggressive liquids
- Display deviation +/- 3%
- Fulfills DIN EN ISO 6789
- Based on national standards



No reset to 0 required

Due to the proven wear-free release system with switching edge



Quick-release safety lock

Secure locking and quick change of plug-in tools with the QuickRelease safety lock.

Easy to adjust

Through the openings integrated in the type plate, the measuring unit can be adjusted easily from the outside with an Allen key. The torque wrench does not have to be dismantled with a lot of effort.

Easy-to-read dual scale

The different colours for Nm and ft-lb make it easier to assign the fine adjustment clearly.



Variable socket

The square socket allows a wide variety of drive tools to be used, depending on the requirements. STAHLWILLE offers a variety of suitable plug-in tools for a wide range of applications.



Scale ring

Fine adjustment for the measuring range of the dual scale marked black



QuickSelect -Quick adjustment

Fast, precise and safe adjustment: Pull the adjusting knob, set the desired value with just a few turns, press to save the setting, finished!





TORCOFIX SE and DREMASTER SE

Design

- Classified according to DIN EN ISO 6789:2003 type II class A, with traceable workshop certificate
- Calibrated to admissible deviation of +/- 3% and better. The specification of the standard (+/- 4%) is exceeded for your safety
- **For controlled clockwise and anti-clockwise tightening**
- Robust, painted steel tube construction, with a zinc-plated rectangular socket and high-quality plastic parts
- Ergonomically shaped plastic handle with calibration aid
- Switching between main scale Nm and additional ft-lb scale to avoid reading errors when setting the desired torque
- With micrometer scale for Nm main scale for adjustment of scale intermediate values
- A jump system generates a perceptible and audible release signal
- Ergonomic system for torque adjustment with note symbol
- Quick adjustment possible with an Allen key, not included in scope of delivery
- Secured adjusting-tuning system

- Factory calibration gauge: 17.5 mm (9x12 mm) or 25 mm (14x18 mm)
- Actuation only with plug-in tools with a uniform pitch. Otherwise, values may shift
- Patent pending

Applications

Depending on the tool insert, work can be performed forwards (e.g. plug-in single open-end wrench) or to the side (e.g. reversible ratchet and socket wrench insert).
Controlled screw tightening in the most common range from 5–400 Nm/3.7–300 ft-lb (reference value for screws M7-M10.9 to M20-6.9).
Adjustable, releasing and robust pipe torque wrench with pin mount for industry and trade.



55830



	Plug-in socket mm	Adjustment range Nm	Adjustment range ft-lb	Scale interval Nm	Length mm	55830	...
TORCOFIX SE	9 x 12	5–25	3.7–18	1	273.0		101
TORCOFIX SE	9 x 12	10–50	7.5–37	2.5	323.0		102
DREMASTER SE	9 x 12	20–100	15–75	5	398.5		103
DREMASTER SE	9 x 12	30–150	22–110	10	498.5		104
DREMASTER SE	14 x 18	40–200	30–150	10	499.5		105
DREMASTER SE	14 x 18	60–300	45–220	10	590.5		106
DREMASTER SE	14 x 18	80–400	60–300	10	677.5		107



HAZET-Competence for calibration of torque and rotation angles

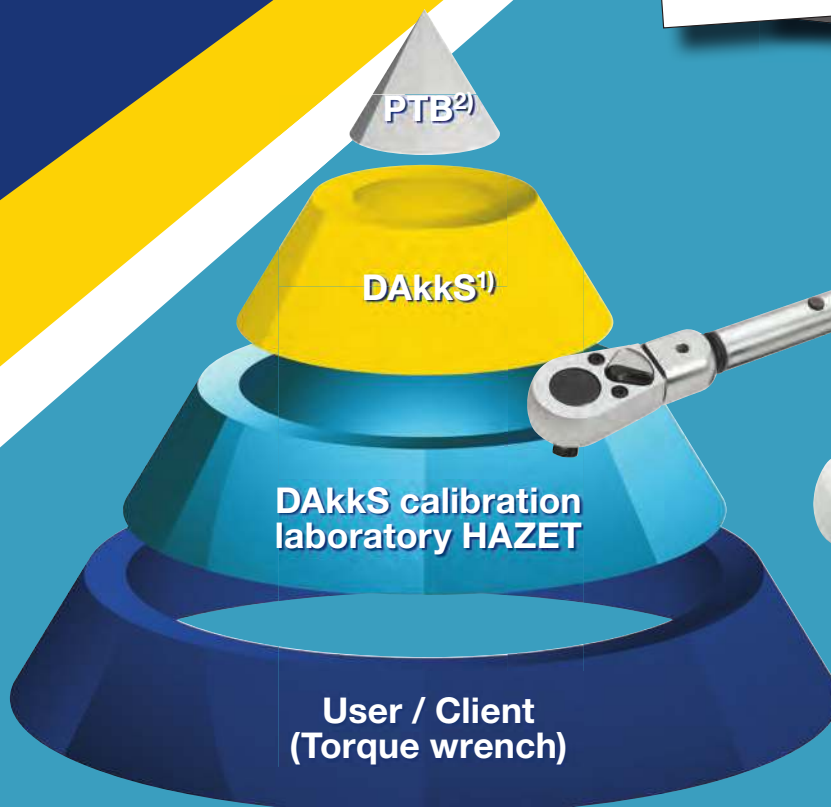
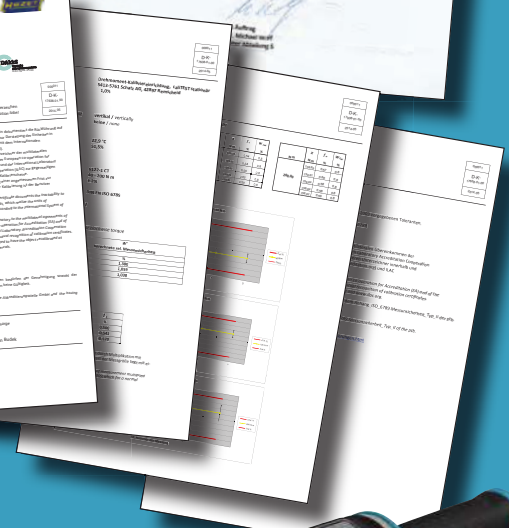
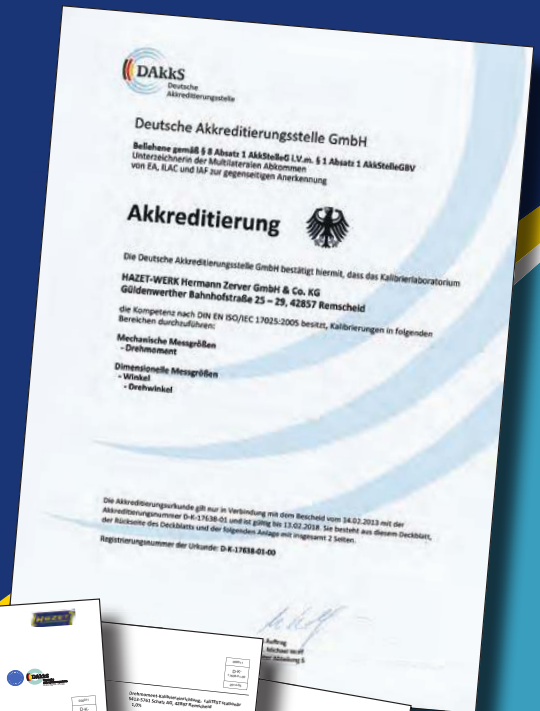


- ✓ Accredited according to DIN EN ISO/IEC 17025 for measured values:
 - **Torque** (DIN EN ISO 6789)
 - **Rotation angle** (VDI/VDE 2648 page 2; without item 4.2)

- ✓ Complies with special demands of ISO/TS 16949 for calibration laboratories (mandatory requirement for all suppliers of the automotive industry)

- ✓ HAZET-owned calibration laboratory guarantees optimal technical calibration competence by accreditation

- ✓ Authorised to issue calibration certificates



Deutsche
Akkreditierungsstelle
D-K-17638-01-00

- ¹⁾ DAkkS: Deutsche Akkreditierungsstelle GmbH (National accreditation body for the Federal Republic of Germany, Berlin)
- ²⁾ PTB: Physikalisch Technische Bundesanstalt (PTB is the national metrology institute providing scientific and technical services)

Torque wrench

55839

Electromechanical torque wrench

9x12

14x18



Service/series MANOSKOP® 730D

Design

- The electromechanical torque wrench combines the **display** and **release** functions in one device
- Both operating modes can be selected independently of the other
- Chuck for interchangeable plug-in tools
- QuickRelease safety lock
- Quick setting via handy keyboard and large display
- Perceptible and acoustic release signal
- Different tolerance limits can be set depending on the screwing application
- Optical evaluation of the screwing application via green and red indicator on the display
- Display function even for left-hand torques
- 7500 art.s of screw data can be stored, read out via a USB interface and evaluated on the PC
- Correct tightening torque is reached automatically after input of a different pitch

- Overload protection by means of acoustic and optical warning signal
- The automatic key lock prevents unintentional adjustment
- Additional security of preset values (function mode, release or target value, unit of measure, tolerance value, saving, deviating pitch) via PIN code
- The robust housing protects all sensitive parts
- The 2-component handle with hand-friendly, green soft zone is resistant to oils, greases, fuels, brake fluids and Skydrol
- 2 AA batteries (1.5 V) are included in the scope of delivery
- NiMH AA/LR6 batteries, 1.2 V or AA/LR6 RAM batteries, 1.5 V can also be used
- Automatic reference to the next calibration date

- Easy calibration with testers, art. no. 51795 ff.
- Where applicable, readjustment without disassembly
- In a sturdy plastic case (art. no. 55839 103-104 in a sheet steel box)
- Measuring units: Nm, ft-lb, in-lb
- Display deviation +/- 2%
- With certificate
- Patented

Applications

To accommodate plug-in tools.

Note:

For the USB adapter, jack plug cable and software, see art. no. 55848 102.

Angle of rotation module available on request.

55839



Plug-in socket mm	Measuring range Nm	Measuring range ft-lb	Measuring range in-lb	Adjustment resolution Nm/ft-lb/in-lb	Display resolution Nm/ft-lb/in-lb	Length mm	Weight kg	55839	...
9 x 12	10-100	7.4-75	90-900	0.2/0.2/2.0	0.1/0.1/1.0	467	1.15	101	
14 x 18	20-200	15-150	180-1800	0.5/0.5/5.0	0.1/0.1/1.0	548	1.43	102	
14 x 18	40-400	30-300	360-3600	1.0/1.0/10.0	0.1/0.1/1.0	688	1.83	103	
14 x 18	65-650	48-480	580-5800	1.0/1.0/10.0	0.1/0.1/1.0	870	3.30	104	

55841

Electronic torque angle-controlled wrench



Sensotork 713

Design

- Plug-in reversible ratchet
- QuickRelease safety lock
- **For clockwise and anti-clockwise tightening**
- Adjustable pre-warning time of visual, perceptible and acoustic signals
- Torque and angle of rotation are visible at the same time
- **Comfortable angle of rotation measurement without reference arm**
- Simple and flexible operation with menu navigation on a large display

- Background illumination of the display, also for the evaluation of the screwing operation (traffic light principle)
- Screwing operations are saved with a time stamp
- Extra large measuring range (5% to 100% of the nominal value) with a display deviation of +/- 1% of the respective measured value
- Display deviation of the angle of rotation of +/- 1%
- Recurring screw connections can be grouped into a menu-guided process

- Meets DKD-R 3-7, Class 2 and DIN EN ISO 6789
- With factory certification in accordance with DIN EN 10204
- Supplied in plastic case (art. no. 55841 103 in a sheet steel box).

Note:

For the USB adapter, jack plug cable and software, see art. no. 55848 101.

55841



Plug-in socket mm	Square drive Inch	Adjustment range Nm	Adjustment range ft-lb	Length mm	Weight kg	55841	...
9 x 12	3/8	3-60	2.5-44	378	0.856	101	
14 x 18	1/2	10-200	7-148	608	1.552	102	
14 x 18	3/4	20-400	15-296	838	2.332	103	

55848

USB adapter, jack plug cable and software



Applications

For documentation and management of measured values on a PC.

For electro-mechanical torque wrench MANOSKOP® 730D, art. no. 55839 and electronic torque wrench Sensotork 713, art. no. 55841.



55848

Use for art. no.	Length m	Weight g	55848	...
55839+55841	1.5	100	102	

55840

Electronic torque wrench

9x12

14x18

1/4"

3/8"

1/2"



Design

- 2 scroll buttons for fast and easy operation
- Measuring range can be programmed in Nm, ft-lb, in-lb
- Tolerance can be programmed in 2° intervals
- 3-fold signal when the set maximum torque value is reached: visually, acoustically and by vibration of the handle

- Right-hand and left-hand rotation

- Power save function

- Dust- and splash-proof
- Data and setpoint saved when the battery is changed
- Stainless steel housing with impact-resistant, shatter-proof display
- Handle made of non-slip fibreglass nylon with integrated Santoprene soft grip
- Reversible plug-in ratchet head and 3 AA batteries included in the scope of delivery

Applications

To accommodate plug-in tools.

55840



Plug-in socket mm	Connection square Inch	Adjustment range Nm	Length mm	55840	...
9 x 12	1/4	3-30	405		101
9 x 12	3/8	7-135	450		102
14 x 18	1/2	20-200	535		105
14 x 18	1/2	34-340	650		106

55842

Electronic torque angle-controlled wrench

1/4"

3/8"

1/2"

3/4"



55842 301-304

Design

- Measuring accuracy (20% to 100% of the maximum torque) +/-2% +/-3%
- Signals: visual (LEDs + display), audible and vibrating
- Equipped with a reversible, quick-releasing ratchet head
- 40 teeth/9° return angle
- Up to 10 preset values
- Programmable automatic shut-off
- Data and setpoint saved during battery change
- Operating temperature: 5°C to 42°C
- Storage temperature: -10°C to 50°C

- Measuring range can be adjusted in Nm, kg-cm, dNm, ft-lb, in-lb
- Torque, angle of rotation, torque then angle of rotation and values that can be preset
- Counter
- Programmable note for re-calibration
- Metal housing for higher resistance
- ISO 6789
- 2004/108/EC

55842 401-404

Design

In addition:

- With data storage and USB
- Storage capacity for up to 1500 measurements and up to 50 default settings
- Torque, angle of rotation, torque and angle of rotation, torque then angle of rotation, values that can be preset and work mode

55842 301-304



55842 401-404



Connection square Inch	Data storage and USB	Adjustment range Nm	Adjustment range in-lb	Adjustment range ft-lb	Length mm	Weight kg	55842	...
1/4	-	1.5-30	13.3-265.5	1.1-22.1	358	0.84		301
1/4	x	1.5-30	13.3-265.5	1.1-22.1	357	0.85		401
3/8	-	7-135	62-1194	5.2-99.5	482	1.37		302
3/8	x	7-135	62-1194	5.2-99.5	482	1.37		402
1/2	-	17-340	150.5-3009	12.5-250	677	2.02		303
1/2	x	17-340	150.5-3009	12.5-250	677	2.02		403
3/4	-	40-800	354-7080	29.5-590	1235	4.85		304
3/4	x	40-800	354-7080	29.5-590	1235	4.85		404

55843

Aluminium electronic torque angle-controlled wrench

9x12

1/4"



Design

- With data storage and USB in lightweight aluminium design
- Interchangeable ratchet head (9x12 mm)
- Measuring accuracy (20% to 100% of the maximum torque) +/-2% +/-3%
- Signals: visual (LEDs + display), audible and vibrating
- Equipped with reversible ratchet head
- 60 teeth/6° return angle
- Storage capacity for up to 1500 measurements and 50 default settings
- Programmable automatic shut-off

- Data and setpoint saved during battery change
- Operating temperature: 5°C to 42°C
- Storage temperature: -10°C to 50°C
- Plug-and-play USB data download to Excel format
- Measuring range can be adjusted in Nm, kg-cm, dNm, ft-lb, in-lb
- Torque, angle of rotation, torque and angle of rotation, torque then angle of rotation, values that can be preset and work mode
- Counter
- Programmable note for re-calibration
- ISO 6789
- 2004/108/EC

55843



Plug-in socket mm	Connection square Inch	Data storage and USB	Adjustment range Nm	Adjustment range in-lb	Adjustment range ft-lb	Length mm	Weight kg	55843	...
9 x 12	1/4	x	1.5-30	13.3-265.5	1.1-22.1	377	0.65		301

Torque wrench

55847

Electronic torque wrench SENSOTORK® 701

1/4"



55847



Design

- With fixed, built-in fine-tooth ratchet (80 teeth), 1/4 inch
- Very slim and compact design for small torques from 1 Nm
- Measurement units: Nm, cNm, ft-lb, in-lb
- Measurement regardless of force application point
- Indicating, for a wide torque range from 1–20 Nm
- Supplied with 3.6 V lithium battery, type 14500
- Calibration with the perfectControl calibration device no. 7794 or calibration system no. 7706
- Where applicable, readjustment without disassembly
- With certificate
- Display deviation +/- 4%

With additional SENSOMASTER 4 software:

- Adjustable screwing application
- Evaluation of screwing operation by means of colour LEDs, buzzer and vibration
- Adjustable calibration interval
- Can be documented

Advantages:

- Reliable.** Thanks to the fixed, integrated fine-tooth ratchet with QuickRelease technology.
- Compact.** The ergonomic design is extremely slim and allows you to work even when space is restricted.
- Versatile.** 3 measuring modes: Track, Peak Hold, screwing application with evaluation.
- Precise.** The SENSOTORK® 701 measures with a deviation of only +/- 4%. And over a long period.
- Intuitive.** The different modes can be set quickly and easily via the key control.
- Ergonomic.** Effortless work thanks to special grip design.



Connection square Inch	Adjustment range Nm	Adjustment range cNm	Adjustment range ft-lb	Adjustment range in-lb	Length mm	Weight kg	55847	...
1/4	1–20	100–2000	0.7–15	9–180	210	0.145		101

55846

Electro-mechanical torque/angle-controlled wrench

9x12

14x18



1/4"

3/8"

1/2"

3/4"



Manoskop 714

Design

- 4 measurement modes (torque, rotation angle, torque with control variable of rotation angle, rotation angle with control variable of torque)
- High-resolution colour graphic display with additional side signal lights
- Freely configurable menu structure
- Optional: Li-ion battery no. 7195-2 and charger no. 7160
- 3 function modes: releasing, peak (displaying operation with peak value display) and track (displaying operation with current value display)
- Micro-USB 2.0 interface
- Bayonet mount for battery compartment
- QuickRelease safety lock changing system for plug-in tools
- Angle of rotation measurement with no reference arm
- Data storage (up to 2500 screw operations)
- Up to 200 screwing applications can be programmed in a maximum of 25 processes
- Different tolerance limits can be adjusted depending on the screwing application
- Audible and visual evaluation of the screwing application
- Fast and precise adjustment via keyboard
- No accidental adjustment thanks to automatic key lock
- Overload protection by means of acoustic and optical warning signals and forced release (right)
- Automatic indication of the next calibration deadline depending on the time and/or the load count
- Fully automatic calibration and adjustment with the perfectControl calibration and adjustment device no. 7794-2 (torque) or no. 7794-3 (torque and angle of rotation)

- Measurement units: Nm, ft-lb, in-lb
- Automatically correct tightening torque on input of deviating actual dimension
- Ready for operation again immediately after discharge
- Clockwise and anti-clockwise tightening – for anti-clockwise tightening in release mode, it may be necessary to rotate the plug-in tool by 180°
- Perceptible and acoustic release signal
- Torque and angle of rotation visible at the same time
- Measurement independent of the point of application of force (end no. 101–103)
- Reliable handling with ergonomically shaped handle (resistant to oils, greases, fuels, brake fluids and Skydrol)
- In a sturdy plastic case (end no. 107 in a sheet steel box)
- With 2 certificates (torque, angle of rotation)
- Registered design, patented
- Supplied with Sensomaster software, USB cable, 4 micro-batteries AAA/LR03, 1.5 V
- Micro-NiMH batteries AAA, 1.2 V can be used
- Display resolution, rotation angle 0.1°
- Display deviation for rotation angle +/- 1%, +/- 1% digit
- Display resolution for torque
Up to 60 Nm: 0.01 Nm
More than 60 Nm: 0.1 Nm
- Display deviation for torque +/- 2%, +/- 1% digit



55846 102



55846 104

Plug-in socket mm	Square drive Inch	Adjustment range Nm	Adjustment range ft-lb	Length mm	Weight kg	55846	...
9 x 12	1/4	1–10	0.7–7.5	226	0.432		101
9 x 12	1/4	2–20	1.5–15	226	0.442		102
9 x 12	1/4	4–40	3–30	252	0.482		103
9 x 12	3/8	6–60	4.5–45	393	0.965		104
9 x 12	1/2	10–100	7.5–75	466	1.232		105
14 x 18	1/2	20–200	15–150	547	1.663		106
14 x 18	3/4	40–400	30–300	687	2.275		107

SYSTEM 7000 eTAC

Redefined digital precision and handling



PRECISE TORQUE $\pm 1\%$, ± 1 DIGIT

PRECISE ROTATION ANGLE $\pm 1\%$, $\pm 1^\circ$

Choice of torque units Nm / lbf ft / lbf in / kgf m

DIGITAL SAFETY

10 - 400 Nm

DOCUMENTATION

AUDIBLE SIGNAL

360° LED SIGNAL

VIBRATION

Hommel Hercules
Werkzeughandel



**Two strong
partners**



55845

Electronic torque angle-controlled wrench 7000 eTAC TOP version

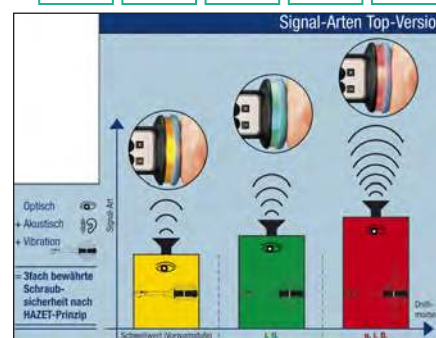


Design

- **Measuring accuracy:** +/- 1% / +/- 1 digit (or +/- 1°) in left and right direction of rotation
- Torque and angle-controlled wrench with maximum precision
- Ergonomic, user-orientated design of the entire tool for professional use
- 2-component handle made of fibreglass-reinforced, impact-resistant plastic and soft grip elements
- 3-fold signalling of the screwing process via acoustic signal (buzzer), vibration and all-round 360° LED display with traffic-light function visible from any position
- Large, easy-to-read display, can be rotated by 180°
- Measured value display in 13 mm font size including OK/NOK Screwing application evaluation
- Simple, clearly structured menu guidance in easy-to-read plain text in font size 5 mm in German and English
- Safety switch-on and switch-off function (2x button press) and automatic, **time-dependent adjustable** and energy-saving stand-by function
- Adjustable torque units: Nm and ft-lb, **in-lb, Kgf-m**
- Large angle of rotation range (adding) up to 999 degrees

- Menu lock function for protection against unauthorised adjustment of the adjustment values with self-selectable four-digit code
- Battery and memory display
- Extremely long service life due to 4 commercially available AA batteries (1.5 V) or rechargeable batteries
- **Adjustable signalling:** Acoustic signal (buzzer) On/Off and vibration On/Off
- Variable threshold value (first warning stage)
- Background illumination of the display can be activated
- Memory space for up to **2000 measurements**, incl. date and time
- Programmable parameter sets and processes
- Control function: Programmable angle of rotation check during torque tightening and torque check during angle of rotation tightening
- Optional evaluation software for memory data, with access via mini-USB port (available on request for a surcharge)
- Supplied with detailed operating instructions and certificates in an aluminium case with foam insert **including HAZET plug-in reversible ratchet**
- Effective length can be adjusted/programmed for other plug-in tools (prerequisite for correct torque/angle of rotation measurements)

9x12 14x18 3/8" 1/2" 3/4"



- Release accuracy in accordance with ISO 6789, DIN EN ISO 6789, NF EN ISO 6789
- Made in Germany



Plug-in socket mm	Connection square Inch	Adjustment range Nm	Length mm	Weight kg	55845	...
9 x 12	3/8	10-100	380.5	0.78		101
14 x 18	1/2	20-200	518.0	0.98		102
14 x 18	3/4	40-400	942.5	2.30		103

51785

Open-end wrench plug-in tools

Design

Chrome-plated.



9x12 14x18

Size mm	Plug-in socket mm	51785	...
7	9 x 12		101
8	9 x 12		102
10	9 x 12		104
11	9 x 12		105
13	9 x 12		107
14	9 x 12		108
15	9 x 12		109
16	9 x 12		110

Size mm	Plug-in socket mm	51785	...
17	9 x 12		111
18	9 x 12		112
19	9 x 12		113
13	14 x 18		114
14	14 x 18		115
15	14 x 18		116
16	14 x 18		117
17	14 x 18		118

Size mm	Plug-in socket mm	51785	...
18	14 x 18		119
19	14 x 18		120
21	14 x 18		121
22	14 x 18		122
24	14 x 18		123
27	14 x 18		124
30	14 x 18		125
32	14 x 18		126

51787

Bi-hexagon box wrench plug-in tools

Design

Chrome-plated.

Note:

Open box wrench plug-in tools available on request.



9x12 14x18

Size mm	Plug-in socket mm	51787	...
7	9 x 12		101
8	9 x 12		102
10	9 x 12		103
11	9 x 12		104
13	9 x 12		106
14	9 x 12		107
15	9 x 12		108
16	9 x 12		109
17	9 x 12		110
18	9 x 12		111

Size mm	Plug-in socket mm	51787	...
19	9 x 12		112
21	9 x 12		113
22	9 x 12		114
13	14 x 18		115
14	14 x 18		116
15	14 x 18		117
16	14 x 18		118
17	14 x 18		119
18	14 x 18		120
19	14 x 18		121

Size mm	Plug-in socket mm	51787	...
21	14 x 18		122
22	14 x 18		123
24	14 x 18		124
27	14 x 18		125
30	14 x 18		126
32	14 x 18		127
34	14 x 18		128
36	14 x 18		129
41	14 x 18		130



55915

TORX® plug-in tools

9x12

14x18



Design

Chrome-plated.

55915



Size E	Plug-in socket mm	55915	...
6	9 x 12	101	
8	9 x 12	102	
10	9 x 12	103	

Size E	Plug-in socket mm	55915	...
12	9 x 12	104	
14	9 x 12	105	
14	14 x 18	106	

Size E	Plug-in socket mm	55915	...
18	14 x 18	107	
20	14 x 18	108	
24	14 x 18	109	

55920

Square plug-in tools

9x12

14x18

1/4"

3/8"

1/2"

3/4"

Design

Chrome-plated.

55920

Connection square Inch	Plug-in socket mm	55920	...
1/4	9 x 12	101	
3/8	9 x 12	102	
1/2	9 x 12	103	
1/2	14 x 18	104	
3/4	14 x 18	105	



51791

Plug-in reversible ratchets

9x12

14x18

1/4"

3/8"

1/2"



Design

Chrome-plated, die-forged. Lever reverse with safety connection and quick-release button.

51791

Connection square Inch	Plug-in socket mm	Teeth Number	51791	...
1/4	9 x 12	20	101	
3/8	9 x 12	30	102	
1/2	9 x 12	32	103	
1/2	14 x 18	32	104	



55925

Plug-in reversible ratchets

9x12

14x18

1/4"

3/8"

1/2"



Design

Reversible, with QuickRelease safety lock.

Note:

The durability of the plug-in ratchets is limited (see table). It must not be exceeded when larger torque wrenches are used.

55925

Connection square Inch	Plug-in socket mm	Teeth Number	Durability Nm	55925	...
1/4	9 x 12	22	40	101	
3/8	9 x 12	30	100	102	
1/2	9 x 12	30	100	103	
1/2	14 x 18	36	200	104	



55930

Plug-in reversible ratchets

9x12

14x18

3/8"

1/2"

3/4"



Design

Chrome-plated.

55930

Connection square Inch	Plug-in socket mm	Teeth Number	55930	...
3/8	9 x 12	60	102	
1/2	9 x 12	60	103	
1/2	14 x 18	60	104	
3/4	14 x 18	60	105	



51793

Plug-in fine-tooth ratchet

9x12 14x18 3/8" 1/2" 3/4"



Quality
Chromium-vanadium steel.

Design

Chrome-plated, for right-hand/left-hand rotation, fine toothing, 72 teeth.

Connection square Inch	Plug-in socket mm	Teeth Number	Length Approx. mm	51793	...
3/8	9 x 12	72	58.5		101
1/2	9 x 12	72	58.5		102
1/2	14 x 18	72	70.5		103
3/4	14 x 18	72	101.0		104



51793

55938

Plug-in adapter

9x12 14x18



Quality
Chromium-vanadium steel.

Applications

For reducing or increasing the plug-in square.

Output socket mm	Drive socket mm	55938	...
14 x 18	9 x 12		101
9 x 12	14 x 18		102



55938 101



55938 102

55940

Plug-in weld-on pieces

9x12 14x18

Design
Bronzed.

Use
For welding self-made tools.

Note:

To avoid damage caused by high temperatures, the retaining pin, spring and washer are not fitted until the tool has been welded. Instructions are included.

Plug-in socket mm	55940	...
9 x 12		101
14 x 18		102



55940

55961

Electronic torque testers

1/4" 3/8" 1/2"  



Design

- In accordance with DIN EN ISO 6789:2003
- Accuracy +/- 1%
- 3 operating modes: Synchronous display (Track), click point detection (1st Peak), peak value display (Final Peak)
- Scope of delivery includes power supply unit and RS-232C connecting cable for PC or printer.
- Compatible with test software 7901 E-D
- Large, easy-to-read LED display with 3 LEDs for easily recognisable status display
- Rapid attachment to even surfaces using four screws (table, wall, etc.)
- Very simple to operate
- Display in Nm, can be easily switched to ft-lb and in-lb
- Simple setting of a target torque with tolerances
- In plastic case with foam insert

55961 100

Design

Fixed 1/4 inch hexagonal chuck incl. 1 adapter 1/4 inch hexagon socket x 1/4 inch square socket and 1 adapter 1/4 inch hexagon socket x 3/8 inch square socket.

55961 101

Design

Fixed 1/2 inch square chuck.

55961 102

Design

Fixed 27 mm hexagonal chuck.



55961 100



55961 101



55961 102

Measuring range Nm	Hexagonal chuck Ext. inch	Square chuck Int. inch	Hexagonal chuck Ext. mm	H x Ø mm	Weight kg	55961	...
1-25	1/4	1/4 + 3/8	-	97.5 x 160	3.28		100
10-350	-	1/2	-	97.5 x 160	3.28		101
100-1000	-	-	27	97.5 x 160 (182)	3.28		102

55962

Electronic tester DREMOTEST E

1/4"

3/8"

1/2"

3/4"


GEDORE
 WERKZEUGE FÜR LEBEN

Design

With integrated torsion measuring transducer (DMS) and CE mark. High measuring accuracy: +/- 1% tolerance for all readings, +/- 1 digit.

1. Peak value detection (first peak/break point detection). Auto reset. Can be switched between Nm and ft-lb. Serial RS 232 interface.

Supplied with power pack with Euro plug, operating instructions and test certificate.

Applications

For checking and adjusting right-hand rotation torque wrenches. Suitable for workshops, industry and quality assurance thanks to simple operation and robust design.

Note:

Vehicle adapter for 12-volt power supply available on request.



55962

Measuring range Nm	Measuring range ft-lb	Hexagonal socket Size mm	Adapter inch	55962	...
0.9 - 55	0.7 - 40.6	10	1/4 + 3/8		201
9 - 320	7 - 236	17	3/8 + 1/2		202
90 - 1100	66 - 811	36	1/2 + 3/4		203

Info

Calibration systems



For an overview for complete calibration systems with matching components, see page 55.36.

55980

Electronic workshop testers

1/4"

3/8"

1/2"

3/4"

STAHLWILLE
 SENSOTORK 7707 W

Design

Compact workshop tester that is easy to expand with easily interchangeable measurement transducers (see art. no. 55983). High accuracy thanks to the flat measurement transducers and measurement processing and digitalisation in the transducer itself. High level of reliability thanks to the additional display of the actual tightening torque with clicking torque wrenches.

Comprising:

Measurement transducer (DBGM), holder, display unit (DBGM), stand for display unit (with 1.5 m cable), spiral cable, power supply (230 V) or direct connection to a 12-V vehicle electrical system possible, square adapter, mounting kit for horizontal and vertical test position for right-hand and left-hand measurements.

The easily interchangeable transducers are secured in the holder with a QuickRelease safety lock. Versatile and user-friendly thanks to the horizontal or vertical test position and variable positioning of the display unit, additional stand with 1.5-m cable to accommodate the display unit for better optical tracking when testing long torque wrenches.

A particularly large measuring range from approx. 2% to 100% of the nominal value. The measured values can be transferred to a PC via a USB cable. Complies with DIN 51309:2005, Class 2 and directive DRD R 3-8:2003. With certificate. Supplied in a plastic case.



55980

Measuring range Nm	Drive socket Inch	Adapter Inch	Weight kg	55980	...
0.4 - 20	1/4	-	6.255		102
2 - 100	3/8	1/4x3/8	7.025		103
25 - 1100	3/4	1/4x3/4 / 3/8x3/4 / 1/2x3/4	7.495		104

55983

Measurement transducer for electronic workshop testers

3/8"

3/4"

STAHLWILLE
 SENSOTORK 7707 W

Design

Patented. High level of accuracy thanks to measurement processing and digitalisation in the transducer itself. Insensitive to transverse forces due to the particularly flat design. With certificate. Supplied in a sturdy plastic case.



55983

Measuring range Nm	Drive socket Inch	Weight kg	55983	...
2 - 100	3/8	2.486		202
25 - 1100	3/4	3.100		203

Torque testers

55984

Accessories for electronic workshop testers



55984 104

USB adapter, jack plug cable and TORKMASTER software

Applications

Connection between the measurement transducer and PC, for adjustment and calibration of torque wrenches and for the creation of calibration certificates in accordance with DIN EN ISO 6789:2003. Length 1.5 m.

55984 106

Spiral cable

Applications

Connection between the measurement transducer and display unit or USB adapter, with jack plug on both sides, 90° angle.

55984 110

Square adapter

Design

1/4 inch on the inside to 3/4 inch on the outside (6 x 20).

55984 111

Square adapter

Design

3/8 inch on the inside to 3/4 inch on the outside (10 x 20).

55984 112

Square adapter

Design

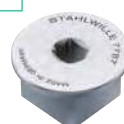
1/2 inch on the inside to 3/4 inch on the outside (12.5 x 20).

55984 104



1/4" 3/4"

55984 110



55984 106



3/8" 3/4"

55984 111



1/2" 3/4"

55984 112



	55984	...
USB adapter cable + software	104	
Spiral cable	106	
Square adapter, 1/4 inch x 3/4 inch	110	
Square adapter, 3/8 inch x 3/4 inch	111	
Square adapter, 1/2 inch x 3/4 inch	112	

55987

Mechanical calibration device for torque wrenches



55987 201

Mechanical basic unit up to 400 Nm

Design

Measurement without offset of the force application point. A special power transmission system means that there is no shift of the force application point during the calibration process. Powered by the handwheel, the lever mounted beneath the test rail is moved in a linear motion by a spindle. The linear movement is converted into a rotary motion that then takes effect on the transducer. The torque wrench to be calibrated remains in a constant position during the entire calibration. This means that measuring errors resulting from a shift in the force application point are avoided.

The torque wrench is automatically aligned in the horizontal position by a low-friction linear bushing. The resulting reduction in the transverse forces on the measurement transducer leads to a reduction in measurement errors. Supplied without a torque wrench, measurement transducer, display unit and holder.

Note:

For an extension, see art. no. 55987 202.

55987 202

Extension

Applications

For the basic unit (art. no. 55987 201) for extending the range to 1100 Nm.

55987 201



55987 202



Range Nm	For measurement transducer art. no.	For torque wrench with functional length (LF) max. mm	Profile width mm	W x H x L mm	Weight kg	55987	...
0.4 - 400	55983 200-203	815	180	704 x 323 x 1087	26.5	201	
- 1100	-	1390 (art. no. 55987 201+202)	180	308 x 135 x 673	5.4	202	

55989

Test adapter



Applications

Can be screwed to the mechanical actuation device, art. no. 55987. The torque screwdriver to be calibrated is inserted in the square socket of the measurement transducer and fixed in place using the universal centre clamping device. The required force is introduced into the torque screwdriver in a controlled manner using the handwheel.

55989



Range Nm	W x H x D mm	Weight kg	55989	...
- 10	250 x 442-593 x 351	3.7	101	



Complete calibration systems with matched components



Mechanical base unit



Transducer laboratory

Cable
No 7751-1

USB adaptor No 7757-1



USB adaptor

PC/Printer - not included
in the delivery

Calibration systems No	7706-8 PC	7706-9 PC	7706-10 PC	7706-11 PC
Code	96 52 10 68	96 52 10 69	96 52 10 70	96 52 10 74
Weight/kg	14.2	67.6	70.6	108.4
Range/N-m	1-10	2-100	2-1000	20-3000
Mechanical loader	-	No 7791	No 7791	No 7792
Stand alone test attachment for torque screwdrivers	No 7790	-	-	-
Extension unit	-	-	No 7791-1	No 7792-1
Transducer laboratory	No 7728-1S (1-10 N-m)	No 7728-2 (2-20 N-m) No 7728-10 (10-100 N-m)	No 7728-2 (2-20 N-m) No 7728-10 (10-100 N-m) No 7728-40 (40-400 N-m) No 7728-100 (100-1000 N-m)	No 7728-20 (20-200 N-m) No 7728-100 (100-1000 N-m) No 7728-300 (300-3000 N-m)
USB adaptor	No 7757-1	No 7757-1	No 7757-1	No 7757-1
Jack cable	No 7751	No. 7751	No 7751	No 7751
Cable for No 7728 (connection between transducer and USB adaptor)	No 7751-1	No 7751-1	No 7751-1	No 7751-1
Square drive adaptor	No 431 (3/8" □ x 1/4" ■)	No 431 (3/8" □ x 1/4" ■) No 409M (1/4" □ x 3/8" ■)	No 7787 (1/4" □ x 3/4" ■) No 7788 (3/8" □ x 3/4" ■) No 7789 (1/2" □ x 3/4" ■) No 409M (1/4" □ x 3/8" ■)	No 7787 (1/4" □ x 3/4" ■) No 7788 (3/8" □ x 3/4" ■) No 7789 (1/2" □ x 3/4" ■) No 7789-2 (3/4" □ x 1 1/2" ■) No 7789-3 (1" □ x 1 1/2" ■) No 7789-4 (1/4" □ x 1/2" ■) No 7789-5 (3/8" □ x 1/2" ■)
Calibrating square drive insert tools	-	No 734K/4 (1/4" ■) No 734K/5 (3/8" ■)	No 734K/4 (1/4" ■) No 734K/5 (3/8" ■) No 734K/20 (1/2" ■) No 734K/40 (3/4" ■)	No 734K/4 (1/4" ■) No 734K/5 (3/8" ■) No 734K/20 (1/2" ■) No 734K/40 (3/4" ■)
Adaptors	No 3115 (1/4" ■ x 1/4" ● E 6,3) - No 3115/1 (1/4" ■ x 1/4" ● C 6,3) -	-	-	-
Calibration software	TORKMASTER 4	TORKMASTER 4	TORKMASTER 4	TORKMASTER 4
DAkKS calibration certificates	1	2	4	3